

Topic: [Ginger](#)



What is Cumulative Knowledge, and Why Should it Interest Me?

12/02/2016

Cumulative Knowledge is determined by ascribing a numerical value to all the articles indexed on our database. The GreenMedInfo.com algorithm appraises a study's overall evidentiary power and quality by generating a numerical value. This "Cumulative Knowledge" score incorporates variables such as study type, with the following types listed in descending order by their power: Meta-Analysis, Human Study, Human: Case Study, Animal:Transgenic, Animal, In Vitro, Review, and Commentary. The cumulative total will provide you an idea about the depth and quality of information that this topic has accumulated on our site. For instance, if you downloaded a document on "**Cancers: All**", you might see "**Curcumin**" with a **Cumulative Knowledge** of **677** and **Resveratrol** with a **Cumulative Knowledge** of **175**. This does not mean that **Curcumin** is better, but just that we have gathered more quality research on the Substance **Curcumin**.
[Click here to read a more in depth explanation.](#)

How are Topics and Articles Sorted in this PDF?

Articles in this document are placed within their respective **Topic** category. If you download a document on the Disease "**Cancers: All**" and are interested in all articles pertaining to the Substance "**Curcumin**" with regard to "**Cancers: All**", you will find them under the "**Curcumin**" sub-section underneath the **Cumulative Knowledge** section. **Topics** are sorted based on their **Cumulative Knowledge** in relation to the main topic of the download. In the previous example, it would be in relation to "**Cancers: All**". Articles are then sorted based on the articles **Published Date**. **Articles** are sorted in a descending fashion, which means that the most recent articles are displayed first. **Articles** may appear more than once in this document. For each **Topic** that an **Article** contains, it will be displayed in that sub-section. For example, if an **Article** contains the **Substances "Pterostilbene"** and "**Resveratrol**", the article will be displayed under each **Topic**.

Quick Summary: 183 Diseases

Name	Cumulative Knowledge	Article Count
Diabetes Mellitus: Type 2	67	10
Chemotherapy-Induced Nausea	51	6
Dysmenorrhea	40	3
Diabetes Mellitus: Type 2: Prevention	30	3
Osteoarthritis: Knee	30	3
Insulin Resistance	26	5
Diabetes Mellitus: Type 1	24	4
Dyspepsia	21	3
Muscle Soreness	21	3
Chronic Pain	20	1
Diabetes: Glycation/A1C	20	2
High Cholesterol	20	2
Nausea	20	2
Inflammation	19	8
Hyperlipidemia	16	4
Colon Cancer	13	7
Diabetes Mellitus: Type 1: Prevention	12	2
Oxidative Stress	12	6
Anxiety: Preoperative	10	1
Bleeding: Excessive	10	1
Breast Milk: Inadequate/Poor Quality	10	1
C-Reactive Protein	10	1
C-Reactive Protein (CRP)	10	1
Cardiovascular Disease: Prevention	10	1

Cesarean Section	10	1
Chemotherapy-Induced Toxicity	10	1
Cholesterol: High	10	1
Cognitive Decline/Dysfunction	10	1
Delayed Gastric Emptying	10	1
Gastroparesis	10	1
Hemodialysis	10	1
Hypercholesterolemia	10	1
Hyperglycemia	10	1
Menorrhagia	10	1
Migraines	10	1
Morning Sickness	10	1
Motion Sickness	10	1
Muscle Damage	10	1
Muscle Soreness: Exercise-Induced	10	1
Naseau: Chemotherapy-Induced	10	1
Naseau: Pregnancy-Associated	10	1
Nausea: Post-Operative	10	1
Nausea: Sea-Sickness	10	1
Neurogenic Bladder	10	1
Overweight	10	1
Pneumonia	10	1
Premenopausal Disorders	10	1
Quality of Life: Poor	10	1
Respiratory Distress Syndrome	10	1
Rheumatoid Arthritis	10	1
Stroke: PostStroke Urinary Disorders	10	1
Triglycerides: Elevated	10	1
Tuberculosis	10	1
Uterine Bleeding	10	1
Vertigo	10	1
Weight Problems: Appetite	10	1
Hypertension	8	4
Pancreatic Cancer	8	3
Breast Cancer	6	4
Cancers: All	6	6
Diabetic Complications	6	4
Liver Cancer: Prevention	6	3
Parabens-Associated Toxicity	6	4
Prostate Cancer	6	4
Alzheimer's Disease	5	3
Arsenic Poisoning	5	3
Brain Inflammation	5	3
Cancers	5	1
Carcinoma: Non-Small-Cell Lung	5	1
Respiratory Syncytial Virus Infections	5	1
Arthritis: Rheumatoid	4	2
Brain Damage	4	2
Chemically-Induced Liver Damage	4	2
Chemotherapy-Induced Toxicity: Cisplatin	4	2
Diabetes: Cardiovascular Illness	4	2
Diabetes: Kidney Function	4	2
Fructose-Induced Toxicity	4	2
Giardiasis	4	2

Lung Cancer	4	3
Metabolic Syndrome X	4	2
Obesity	4	2
Radiation Induced Illness	4	2
Cerebral Ischemia	3	2
Dog Diseases	3	2
Gastric Cancer	3	2
Gastric Ulcer	3	3
Gastroesophageal Reflux	3	2
Neurodegenerative Diseases	3	2
Pets: Heartworm	3	2
ALT: Elevated	2	1
AST: Elevated	2	1
Acetaminophen (Tylenol) Toxicity	2	1
Acid Reflux	2	1
Alcohol Toxicity	2	1
Allergic Rhinitis	2	1
Allergic Rhinitis: Prevention	2	1
Aluminum Toxicity	2	1
Bacterial Infections: Resistance/Biofilm Formation	2	2
Brain: Microglial Activation	2	1
Bromobenzene Toxicity	2	1
Cadmium Poisoning	2	1
Cancer Metastasis	2	2
Chemical Exposure	2	1
Chemotherapy-Induced Toxicity: Doxorubicin	2	1
Cholesterol: LDL/HDL ratio	2	1
Colorectal Cancer	2	2
Cytomegalovirus Infections	2	1
Diabetes: Cognitive Dysfunction	2	1
Diabetic Glomerular Hypertrophy	2	1
Encephalomyelitis	2	1
Endocrine Imbalances	2	1
Esophageal Cancer	2	1
Excitotoxicity	2	1
Fat Malabsorption	2	1
Gout	2	1
HIV Infections	2	1
HSV-1	2	1
Helicobacter Pylori Infection	2	1
High Fat Diet	2	1
Hyperinsulinism	2	1
Hyperuricemia	2	1
Indigestion: Fats	2	1
Kidney Damage	2	1
Kidney Damage: Chemically-Induced	2	1
Kidney Failure	2	1
Kidney Failure: Acute	2	1
Kidney Failure: Chronic	2	1
Lipopolysaccharide-Induced Toxicity	2	1
Liver Fibrosis	2	1
Liver Stress: Fructose-Induced	2	1
Malabsorption Syndrome	2	1
Memory Disorders	2	1

Microvilli atrophy	2	1
Morphine Tolerance/Dependence	2	1
Multiple Sclerosis	2	1
Pain	2	1
Pesticide Toxicity	2	1
Pyelonephritis	2	1
Schistosomiasis	2	1
Staphylococcus aureus infection	2	2
Steatorrhea	2	1
Trigeminal Neuralgia	2	1
Uremia	2	1
Advanced Glycation End products (AGE)	1	1
Advanced Glycation Endproduct (AGE) Formation	1	1
Allergic Airway Diseases	1	1
Allergies	1	1
Bacillus Cereus infection	1	1
Cancers: Drug Resistant	1	1
Cardiovascular Diseases	1	1
Central Nervous System Diseases	1	1
Cholesterol: Oxidation	1	1
Chronic Disease	1	1
Colic	1	1
Diarrhea	1	1
Enterococcus Infections	1	1
Epstein-Barr Virus Infections	1	1
Escherichia coli Infections	1	1
Fatty Liver	1	1
Foodborne Pathogens: Prevention/Food Preservation	1	1
Gastrointestinal Cancer	1	1
Glioblastoma	1	1
Haemophilus influenzae	1	1
Hydatidosis	1	1
Hypersensitivity: Respiratory	1	1
Infection: Antibiotic Resistant	1	1
Listeria Infections	1	1
Liver Cancer	1	1
Liver Disease: Oxidative Stress	1	1
Lymphoma: Dalton's	1	1
Malignant Melanoma	1	1
Melanoma	1	1
Micrococcus luteus infections	1	1
Parasitic Intestinal Diseases	1	1
Rhabdomyosarcoma	1	1
Rhinovirus Infection	1	1
Salmonella Infections	1	1
Skin Cancer: Squamous Cell	1	1
Streptococcus pyogenes	1	1
Thrombosis	1	1
Toxoplasma gondii Infection	1	1
Tumors	1	1
Upper Respiratory Infections	1	1

Quick Summary: 81 Pharmacological Actions

Name	Cumulative Knowledge	Article Count
Analgesics	74	7

Anti-Inflammatory Agents	58	17
Antioxidants	38	19
Hypoglycemic Agents	28	6
Insulin Sensitizers	26	5
Apoptotic	25	18
Gastrointestinal Agents	24	5
Tumor Necrosis Factor (TNF) Alpha Inhibitor	22	9
Aldose reductase inhibitor	20	2
Antiemetics	20	2
Antiproliferative	16	11
Neuroprotective Agents	16	10
Antineoplastic Agents	15	4
Hypolipidemic	14	3
Nitric Oxide Inhibitor	14	3
Renoprotective	14	7
Chemotherapeutic	12	3
Malondialdehyde Down-regulation	12	2
NF-kappaB Inhibitor	11	6
Anticholesteremic Agents	10	1
Chemopreventive	10	8
Galactogogue	10	1
Thermogenic	10	1
Vasopressin Inhibitor	10	1
Antiviral Agents	9	4
Hepatoprotective	8	4
Radioprotective	7	4
Antiparasitic Agents	6	5
Superoxide Dismutase Up-regulation	6	3
Tumor Suppressor Protein p53 Upregulation	6	2
Anti-Bacterial Agents	5	4
Anti-metastatic	5	5
Anticarcinogenic Agents	5	4
Bcl-2 protein down-regulation	5	4
Caspase-3 Activation	5	1
Cyclooxygenase 2 Inhibitors	5	3
P21 Activation	5	1
Antihypertensive Agents	4	2
Antimicrobial	4	3
Antiprotozoal Agents	4	2
Cell cycle arrest	4	3
Glutathione Upregulation	4	2
Immunomodulatory	4	3
Insulin-releasing	4	2
Malonaldehyde (MDA) Down-Regulation	4	2
Interleukin-1 beta downregulation	3	2
Anti-Allergic Agents	2	1
Anti-Angiogenic	2	1
Anti-Glycation Agents	2	2
Antigiardial agents	2	1
Autophagy Up-regulation	2	1
Bax/Bcl2 Ratio: Decrease	2	1
Calcium Channel Blockers	2	1
Chemosensitizer	2	2
Cytoprotective	2	1

Detoxifier	2	1
Enzyme Inhibitors: Pancreatic Lipase	2	1
Gastroprotective	2	1
Immunostimulatory	2	1
Interleukin-10 downregulation	2	1
Prophylactic Agents	2	1
Prostaglandin Antagonists	2	1
Proton Pump Inhibitor	2	1
Spermatogenic	2	1
Vascular Endothelial Growth Factor Inhibitors	2	1
Anti-Platelet	1	1
Anti-thrombotic	1	1
Antispasmodic	1	1
Autophagy Inhibitors	1	1
Enzyme Inhibitors	1	1
Food Preservatives	1	1
Histone deacetylase inhibitor	1	1
Matrix metalloproteinase-2 (MMP-2) inhibitor	1	1
Matrix metalloproteinase-9 (MMP-9) inhibitor	1	1
Nrf2 activation	1	1
Phase II Detoxification Enzyme Inducer	1	1
Survivin Down-Regulation	1	1
TRAIL sensitizer	1	1
Telomerase Inhibitor	1	1
Wnt/β-catenin signaling pathway modulation	1	1
β-secretase Inhibitor	1	1

Quick Summary: 76 Substances

Name	Cumulative Knowledge	Article Count
Ginger	696	184
Turmeric	39	15
Cinnamon	30	9
Gingerol	22	15
Cardamom	21	3
Artichoke	20	2
Garlic	12	10
6-Shogaol	10	8
Ayurvedic Formulations	10	1
Lavender	10	1
Orange	10	1
Peppermint	10	1
Protein Supplement	10	1
Saffron	10	1
Spearmint	10	1
Vitamin B-6	10	1
Black Pepper	6	4
Catechols	5	4
Zerumbone	5	1
Capsaicin	4	2
Curcumin	4	3
Peony	4	2
Piperine	4	2
Chinese Skullcap	3	2
Clove	3	3
Licorice	3	2

Pinellia	3	2
Red Pepper	3	2
Arabic gum	2	1
Bupleurum	2	1
Coriander	2	2
Cumin	2	2
Curcuminoids	2	1
Ginseng	2	1
Green Tea	2	1
Honey	2	2
Japanese Herbal Formula: Sho-saiko-to	2	1
Jujube	2	1
Nutmeg	2	1
Onion	2	2
Thyme	2	1
Turmeric: Volatile Oils	2	1
Vitamin E	2	1
Zinc	2	1
Anise	1	1
Apple Polyphenols	1	1
Ashwagandha	1	1
Asparagus	1	1
Bay leaf	1	1
Beans: All	1	1
Black Currant	1	1
Capparis spinosa (caper)	1	1
Cilantro	1	1
Cruciferous Vegetables	1	1
Curcuma Longa	1	1
EGCG (Epigallocatechin gallate)	1	1
Garcinia kola	1	1
Ginkgo biloba	1	1
Gotu Kola	1	1
Grape	1	1
Indian Gooseberry	1	1
Juniper	1	1
Long Pepper	1	1
Mint	1	1
Mustard Oil	1	1
Myrrh	1	1
Onions	1	1
Plum	1	1
Polyphenols	1	1
Pomegranate	1	1
Resveratrol	1	1
Rice Bran	1	1
Sophora Flavescens	1	1
Terminalia	1	1
Tomato	1	1
Tongkat Ali	1	1

Total Distinct Articles in this Document - 184

Category: Diseases

Topic: Diabetes Mellitus: Type 2

3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebeh Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Ginger has a beneficial effect on type 2 diabetics.

Pubmed Data : Int J Food Sci Nutr. 2013 Mar 18. Epub 2013 Mar 18. PMID: [23496212](#)

Article Published Date : Mar 17, 2013

Authors : Sepide Mahluji, Vahide Ebrahimzade Attari, Majid Mobasseri, Laleh Payahoo, Alireza Ostadrahimi, Samad Ej Golzari

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Ginger is an aldose reductase inhibitor which may have contribute to the protection against diabetic complications.

Pubmed Data : J Agric Food Chem. 2006 Sep 6;54(18):6640-4. PMID: [16939321](#)

Article Published Date : Sep 06, 2006

Authors : Atsushi Kato, Yasuko Higuchi, Hirozo Goto, Haruhisa Kizu, Tadashi Okamoto, Naoki Asano, Jackie Hollinshead, Robert J Nash, Isao Adachi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

Ginger supplementation is an effective treatment for type 2 diabetes.

Pubmed Data : Int J Food Sci Nutr. 2014 Feb 4. Epub 2014 Feb 4. PMID: [24490949](#)

Article Published Date : Feb 03, 2014

Authors : Tahereh Arablou, Naheed Aryaeian, Majid Valizadeh, Faranak Sharifi, Aghafatemeh Hosseini, Mahmoud Djalali

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

The effect of ginger powder supplementation on insulin resistance and glycemic indices in

[patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial.](#)

Pubmed Data : Complement Ther Med. 2014 Feb ;22(1):9-16. Epub 2014 Jan 8. PMID: [24559810](#)

Article Published Date : Jan 31, 2014

Authors : Hassan Mozaffari-Khosravi, Behrouz Talaei, Beman-Ali Jalali, Azadeh Najarzadeh, Mohammad Reza Mozayan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Dietary garlic and especially ginger have anti-diabetic effects.](#)

Pubmed Data : J Med Food. 2008 Mar;11(1):152-9. PMID: [18361751](#)

Article Published Date : Mar 01, 2008

Authors : Md Shahidul Islam, Haymie Choi

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Pharmacological Actions : [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Insulinotrophic : CK\(2\) : AC\(1\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Green tea and ginger extracts have a significant hypoglycemic effect in diabetic rabbits.](#)

Pubmed Data : Acta Pol Pharm. 2015 May-Jun;72(3):497-506. PMID: [26642658](#)

Article Published Date : Apr 30, 2015

Authors : Ahmed Elkirdasy, Saad Shousha, Abdulmohsen H Alrohaimi, M Faiz Arshad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Green Tea : CK\(1976\) : AC\(562\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger may have a preventive and therapeutic effect in diabetes and its complications.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:516870. Epub 2012 Nov 22. PMID: [23243452](#)

Article Published Date : Dec 31, 2011

Authors : Yiming Li, Van H Tran, Colin C Duke, Basil D Roufogalis

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Topic: [Chemotherapy-Induced Nausea](#)

[A statistically significant change from baseline for health related quality of life was detected after ginger essential oil inhalation.](#)

Pubmed Data : Complement Ther Med. 2015 Jun ;23(3):396-404. Epub 2015 Apr 21. PMID: [26051575](#)

Article Published Date : May 31, 2015

Authors : Pei Lin Lua, Noor Salihah, Nik Mazlan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Quality of Life: Poor : CK\(448\) : AC\(46\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Ginger \(Zingiber officinale\) reduces acute chemotherapy-induced nausea.](#)

Pubmed Data : Support Care Cancer. 2012 Jul ;20(7):1479-89. Epub 2011 Aug 5. PMID: [21818642](#)

Article Published Date : Jun 30, 2012

Authors : Julie L Ryan, Charles E Heckler, Joseph A Roscoe, Shaker R Dakhil, Jeffrey Kirshner, Patrick J Flynn, Jane T Hickok, Gary R Morrow

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

[Ginger reduces chemotherapy-induced nausea.](#)

Pubmed Data : Integr Cancer Ther. 2012 Feb 7. Epub 2012 Feb 7. PMID: [22313739](#)

Article Published Date : Feb 07, 2012

Authors : Yunes Panahi, Alireza Saadat, Amirhossein Sahebkar, Farshad Hashemian, Mojgan Taghikhani, Ehsan Abolhasani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

[Nausea severity and the number of vomiting episodes were significantly lower in the Ginger intervention group than in the control group.](#)

Pubmed Data : Clin J Oncol Nurs. 2015 Oct 1 ;19(5):E92-E97. PMID: [26414587](#)

Article Published Date : Sep 30, 2015

Authors : Müzeyyen Arslan, Leyla Ozdemir

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

[Protein and ginger may have therapeutic value in the treatment of chemotherapy-induced delayed nausea.](#)

Pubmed Data : J Altern Complement Med. 2008 Jun;14(5):545-51. PMID: [18537470](#)

Article Published Date : Jun 01, 2008

Authors : Max E Levine, Marcum G Gillis, Sara Yanchis Koch, Anne C Voss, Robert M Stern, Kenneth L Koch

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Protein Supplement : CK\(73\) : AC\(7\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Nausea : CK\(50\) : AC\(5\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

[This review indicates that ginger possesses multiple properties that could be beneficial in reducing chemotherapy induced nausea and vomiting](#)

Pubmed Data : Crit Rev Food Sci Nutr. 2015 Apr 7:0. Epub 2015 Apr 7. PMID: [25848702](#)

Article Published Date : Apr 06, 2015

Authors : Wolfgang Marx, Karin Ried, Alexandra L McCarthy, Luis Vitetta, Avni Sali, Daniel McKavanagh, Elisabeth Iserning

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Topic: [Dysmenorrhea](#)

[Collectively these RCTs provide suggestive evidence for the effectiveness of 750-2000 mg ginger powder during the first 3-4 days of menstrual cycle for primary dysmenorrhea.](#)

Pubmed Data : Pain Med. 2015 Jul 14. Epub 2015 Jul 14. PMID: [26177393](#)

Article Published Date : Jul 13, 2015

Authors : James W Daily, Xin Zhang, Da Sol Kim, Sunmin Park

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Ginger is as effective as mefenamic acid and ibuprofen in relieving pain in women with primary dysmenorrhea.](#)

Pubmed Data : J Altern Complement Med. 2009 Feb 13. PMID: [19216660](#)

Article Published Date : Feb 13, 2009

Authors : Giti Ozgoli, Marjan Goli, Fariborz Moattar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Additional Keywords : [Ibuprofen Alternatives : CK\(57\) : AC\(14\)](#), [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#)

[Treatment of primary dysmenorrhea in students with ginger for 5 days had a statistically significant effect on relieving intensity and duration of pain.](#)

Pubmed Data : BMC Complement Altern Med. 2012 ;12:92. Epub 2012 Jul 10. PMID: [22781186](#)

Article Published Date : Dec 31, 2011

Authors : Parvin Rahnama, Ali Montazeri, Hassan Fallah Huseini, Saeed Kianbakht, Mohsen Naseri

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Diabetes Mellitus: Type 2: Prevention

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebah Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[Ginger supplementation is an effective treatment for type 2 diabetes.](#)

Pubmed Data : Int J Food Sci Nutr. 2014 Feb 4. Epub 2014 Feb 4. PMID: [24490949](#)

Article Published Date : Feb 03, 2014

Authors : Tahereh Arablou, Naheed Aryaeian, Majid Valizadeh, Faranak Sharifi, Aghafatemeh Hosseini, Mahmoud Djalali

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

[The effect of ginger powder supplementation on insulin resistance and glycemic indices in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial.](#)

Pubmed Data : Complement Ther Med. 2014 Feb ;22(1):9-16. Epub 2014 Jan 8. PMID: [24559810](#)

Article Published Date : Jan 31, 2014

Authors : Hassan Mozaffari-Khosravi, Behrouz Talaei, Beman-Ali Jalali, Azadeh Najarzadeh, Mohammad Reza Mozayan
Study Type : Human Study
Additional Links
Substances : [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)
Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

Topic: [Osteoarthritis: Knee](#)

[Aroma-massage therapy with ginger and orange oil have potential as an alternative method for short-term knee pain relief.](#)

Pubmed Data : Microbes Infect. 2006 May;8(6):1450-4. Epub 2006 Mar 29. PMID: [18534325](#)
Article Published Date : May 01, 2006
Authors : Yin Bing Yip, Ada Chung Ying Tam
Study Type : Human Study
Additional Links
Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Orange : CK\(170\) : AC\(35\)](#)
Diseases : [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)
Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#), [Massage/Therapeutic Touch : CK\(810\) : AC\(81\)](#)

[Ginger has reduces symptoms of osteoarthritis of the knee.](#)

Pubmed Data : Arthritis Rheum. 2001 Nov;44(11):2531-8. PMID: [11710709](#)
Article Published Date : Nov 01, 2001
Authors : R D Altman, K C Marcussen
Study Type : Human Study
Additional Links
Substances : [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

[Ginger powder supplementation can reduce inflammatory markers in patients with knee osteoarthritis.](#)

Pubmed Data : J Tradit Complement Med. 2016 Jul ;6(3):199-203. Epub 2015 Jan 28. PMID: [27419081](#)
Article Published Date : Jun 30, 2016
Authors : Zahra Naderi, Hassan Mozaffari-Khosravi, Ali Dehghan, Azadeh Nadjarzadeh, Hassan Fallah Huseini
Study Type : Human Study
Additional Links
Substances : [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [C-Reactive Protein : CK\(1852\) : AC\(174\)](#), [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)
Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Topic: [Insulin Resistance](#)

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)
Article Published Date : Feb 09, 2015
Authors : Farzad Shidfar, Asadollah Rajab, Tayebeh Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar
Study Type : Human Study
Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[Ginger has a beneficial effect on type 2 diabetics.](#)

Pubmed Data : Int J Food Sci Nutr. 2013 Mar 18. Epub 2013 Mar 18. PMID: [23496212](#)

Article Published Date : Mar 17, 2013

Authors : Sepide Mahluji, Vahide Ebrahimzade Attari, Majid Mobasseri, Laleh Payahoo, Alireza Ostadrahimi, Samad Ej Golzari

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

["6\]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice."](#)

Pubmed Data : Toxicol Lett. 2012 Jan 10 ;210(1):34-43. Epub 2012 Jan 10. PMID: [22285432](#)

Article Published Date : Jan 10, 2012

Authors : Debrup Chakraborty, Avinaba Mukherjee, Sourav Sikdar, Avijit Paul, Samrat Ghosh, Anisur Rahman Khuda-Bukhsh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Ginger has a beneficial effect on insulin resistance associated with fructose consumption.](#)

Pubmed Data : Planta Med. 2012 Jan 10. Epub 2012 Jan 10. PMID: [22234408](#)

Article Published Date : Jan 10, 2012

Authors : Chia Ju Chang, Thing-Fong Tzeng, Yuan-Shiun Chang, I-Min Liu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Problem Substances : [Fructose : CK\(361\) : AC\(106\)](#)

Topic: Diabetes Mellitus: Type 1

Ginger is an aldose reductase inhibitor which may have contribute to the protection against diabetic complications.

Pubmed Data : J Agric Food Chem. 2006 Sep 6;54(18):6640-4. PMID: [16939321](#)

Article Published Date : Sep 06, 2006

Authors : Atsushi Kato, Yasuko Higuchi, Hirozo Goto, Haruhisa Kizu, Tadashi Okamoto, Naoki Asano, Jackie Hollinshead, Robert J Nash, Isao Adachi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

Ginger supplementation is an effective treatment for type 2 diabetes.

Pubmed Data : Int J Food Sci Nutr. 2014 Feb 4. Epub 2014 Feb 4. PMID: [24490949](#)

Article Published Date : Feb 03, 2014

Authors : Tahereh Arablou, Naheed Aryaeian, Majid Valizadeh, Faranak Sharifi, Aghafatemeh Hosseini, Mahmoud Djalali

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

Ameliorative Potentials of Ginger (*Z. officinale* Roscoe) on Relative Organ Weights in Streptozotocin induced Diabetic Rats.

Pubmed Data : Int J Biomed Sci. 2013 Jun ;9(2):82-90. PMID: [23847458](#)

Article Published Date : May 31, 2013

Authors : C O Eleazu, M Iroaganachi, P N Okafor, I I Ijeh, K C Eleazu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetic Glomerular Hypertrophy : CK\(2\) : AC\(1\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Ginger has anti-diabetic and lipid lowering properties in an animal model of type 1 diabetes.

Pubmed Data : Br J Nutr. 2006 Oct;96(4):660-6. PMID: [17010224](#)

Article Published Date : Oct 01, 2006

Authors : Zainab M Al-Amin, Martha Thomson, Khaled K Al-Qattan, Riitta Peltonen-Shalaby, Muslim Ali

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Dyspepsia

[Ginger and artichoke leaf extracts appears efficacious in the treatment of functional dyspepsia and could represent a promising and safe treatment strategy for this frequent disease.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:915087. Epub 2015 Apr 14. PMID: [25954317](#)

Article Published Date : Dec 31, 2014

Authors : Attilio Giacosa, Davide Guido, Mario Grassi, Antonella Riva, Paolo Morazzoni, Ezio Bombardelli, Simone Perna, Milena A Faliva, Mariangela Rondanelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Ginger stimulates gastric emptying in patients with functional dyspepsia.](#)

Pubmed Data : World J Gastroenterol. 2011 Jan 7;17(1):105-10. PMID: [21218090](#)

Article Published Date : Jan 07, 2011

Authors : Ming-Luen Hu, Christophan K Rayner, Keng-Liang Wu, Seng-Kee Chuah, Wei-Chen Tai, Yeh-Pin Chou, Yi-Chun Chiu, King-Wah Chiu, Tsung-Hui Hu

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dyspepsia : CK\(254\) : AC\(29\)](#)

[Ginger is useful in gastrointestinal disorders due to its spasmolytic activity.](#)

Pubmed Data : Dig Dis Sci. 2005 Oct;50(10):1889-97. PMID: [16187193](#)

Article Published Date : Oct 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colic : CK\(135\) : AC\(18\)](#), [Diarrhea : CK\(612\) : AC\(83\)](#), [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Antispasmodic : CK\(132\) : AC\(32\)](#)

Topic: [Muscle Soreness](#)

[Ginger supplementation may be used to accelerate recovery of muscle strength following intense exercise](#)

Pubmed Data : Phytother Res. 2015 Jun ;29(6):887-93. Epub 2015 Mar 18. PMID: [25787877](#)

Article Published Date : May 31, 2015

Authors : Melissa D Matsumura, Gerald S Zavorsky, James M Smoliga

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Damage : CK\(2\) : AC\(1\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Additional Keywords : [Supplementation : CK\(413\) : AC\(60\)](#)

[Two grams of ginger may have anti-inflammation and analgesic effect on delayed onset muscle soreness.](#)

Pubmed Data : Med J Islam Repub Iran. 2015 ;29:261. Epub 2015 Sep 12. PMID: [26793652](#)

Article Published Date : Dec 31, 2014

Authors : Khadijeh Hoseinzadeh, Farhad Daryanoosh, Parvin Javad Baghdasar, Hamid Alizadeh

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Topic: Chronic Pain

[Zingiberaceae extracts are clinically effective hypoalgesic agents and the available data show a better safety profile than non steroidal anti inflammatory drugs.](#)

Pubmed Data : Nutr J. 2015 ;14:50. Epub 2015 May 14. PMID: [25972154](#)

Article Published Date : Dec 31, 2014

Authors : Shaheen E Lakhan, Christopher T Ford, Deborah Tepper

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Chronic Pain : CK\(206\) : AC\(33\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

Problem Substances : [Non-Steroidal Anti-Inflammatory Drugs \(NSAIDs\) : CK\(1905\) : AC\(215\)](#)

Topic: Diabetes: Glycation/A1C

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebeh Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus:](#)

[Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[The effect of ginger powder supplementation on insulin resistance and glycemic indices in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial.](#)

Pubmed Data : Complement Ther Med. 2014 Feb ;22(1):9-16. Epub 2014 Jan 8. PMID: [24559810](#)

Article Published Date : Jan 31, 2014

Authors : Hassan Mozaffari-Khosravi, Behrouz Talaei, Beman-Ali Jalali, Azadeh Najarzadeh, Mohammad Reza Mozayan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

Topic: High Cholesterol

[Ginger has a significant lipid lowering effect compared to placebo.](#)

Pubmed Data : Saudi Med J. 2008 Sep;29(9):1280-4. PMID: [18813412](#)

Article Published Date : Sep 01, 2008

Authors : Reza Alizadeh-Navaei, Fatemeh Roozbeh, Mehrdad Saravi, Mehdi Pouramir, Farzad Jalali, Ali A Moghadamnia

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: High : CK\(1226\) : AC\(195\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#), [Hypercholesterolemia : CK\(1428\) : AC\(227\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Nausea

[Ginger reduces the tendency to vomiting and cold sweating due to seasickness significantly better than placebo.](#)

Pubmed Data : Acta Otolaryngol. 1988 Jan-Feb;105(1-2):45-9. PMID: [3277342](#)

Article Published Date : Jan 01, 1988

Authors : A Grøntved, T Brask, J Kambskard, E Hentzer

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Nausea : CK\(50\) : AC\(5\)](#), [Nausea: Sea-Sickness : CK\(10\) : AC\(1\)](#)

[Protein and ginger may have therapeutic value in the treatment of chemotherapy-induced delayed nausea.](#)

Pubmed Data : J Altern Complement Med. 2008 Jun;14(5):545-51. PMID: [18537470](#)

Article Published Date : Jun 01, 2008

Authors : Max E Levine, Marcum G Gillis, Sara Yanchis Koch, Anne C Voss, Robert M Stern, Kenneth L Koch

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Protein Supplement : CK\(73\) : AC\(7\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Nausea : CK\(50\) : AC\(5\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

Topic: Inflammation

[Ginger and cinnamon intake have positive effects on inflammation and muscle soreness endured by exercise in Iranian female athletes.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S11-5. PMID: [23717759](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Awat Feizi, Mitra Hariri, Leila Darvishi, Azam Barani, Maryam Taghiyar, Afshin Shiranian, Maryam Hajishafiee

Study Type : Human Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Muscle Soreness: Exercise-Induced : CK\(164\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

[Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.](#)

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Interleukin-10 downregulation : CK\(128\) : AC\(45\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[6-Gingerol, a compound found within ginger, inhibits inflammation.](#)

Pubmed Data : Biochem Biophys Res Commun. 2009 Apr 24;382(1):134-9. Epub 2009 Mar 4. PMID: [19268427](#)

Article Published Date : Apr 24, 2009

Authors : Tzung-Yan Lee, Ko-Chen Lee, Shih-Yuan Chen, Hen-Hong Chang

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Ginger has broad anti-inflammatory actions.](#)

Pubmed Data : J Med Food. 2005 Summer;8(2):125-32. PMID: [16117603](#)

Article Published Date : Jun 01, 2005

Authors : Reinhard Grzanna, Lars Lindmark, Carmelita G Frondoza

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Anahuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

[Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Hyperlipidemia](#)

[Ginger has a significant lipid lowering effect compared to placebo.](#)

Pubmed Data : Saudi Med J. 2008 Sep;29(9):1280-4. PMID: [18813412](#)

Article Published Date : Sep 01, 2008

Authors : Reza Alizadeh-Navaei, Fatemeh Roozbeh, Mehrdad Saravi, Mehdi Pouramir, Farzad Jalali, Ali A Moghadamnia

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: High : CK\(1226\) : AC\(195\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#), [Hypercholesterolemia : CK\(1428\) : AC\(227\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

[Ginger has a beneficial effect on fructose induced hyperlipidemia an dhyperinsulinemia in rats.](#)

Pubmed Data : Indian J Exp Biol. 2005 Dec;43(12):1161-4. PMID: [16359128](#)

Article Published Date : Dec 01, 2005

Authors : Sanjay V Kadnur, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Hyperinsulinism : CK\(251\) : AC\(56\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#), [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has a protective effect against dyslipidemia in diabetic rats.](#)

Pubmed Data : J Ethnopharmacol. 2005 Feb 28;97(2):227-30. PMID: [15707757](#)

Article Published Date : Feb 28, 2005

Authors : Uma Bhandari, Raman Kanojia, K K Pillai

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: LDL/HDL ratio : CK\(484\) : AC\(61\)](#), [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Green tea and ginger extracts have a significant hypoglycemic effect in diabetic rabbits.](#)

Pubmed Data : Acta Pol Pharm. 2015 May-Jun;72(3):497-506. PMID: [26642658](#)

Article Published Date : Apr 30, 2015

Authors : Ahmed Elkirdasy, Saad Shousha, Abdulmohsen H Alrohaimi, M Faiz Arshad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Green Tea : CK\(1976\) : AC\(562\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Colon Cancer](#)

[6-gingerol a component of ginger is extensively metabolized in H-1299 human lung cancer cells.](#)

Pubmed Data : J Agric Food Chem. 2012 Nov 14 ;60(45):11372-7. Epub 2012 Nov 6. PMID: [23066935](#)

Article Published Date : Nov 13, 2012

Authors : Lishuang Lv, Huadong Chen, Dominique Soroka, Xiaoxin Chen, TinChung Leung, Shengmin Sang

Study Type : Animal Study, Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers : CK\(7\) : AC\(3\)](#), [Carcinoma: Non-Small-Cell Lung : CK\(134\) : AC\(71\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#)

Additional Keywords : [Biotransformation : CK\(5\) : AC\(1\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger contains the compound zerumbone, which inhibits colon and lung carcinogenesis in mice.](#)

Pubmed Data : Int J Cancer. 2009 Jan 15;124(2):264-71. PMID: [19003968](#)

Article Published Date : Jan 15, 2009

Authors : Mihye Kim, Shingo Miyamoto, Yumiko Yasui, Takeru Oyama, Akira Murakami, Takuji Tanaka

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#)

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[Metabolites of \[6\]-shogol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[The combination of Gelam honey and ginger may serve as a potential therapy in the treatment of colorectal cancer.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(15):6549-56. PMID: [26434873](#)

Article Published Date : Dec 31, 2014

Authors : Lee Heng Wee, Noor Azian Morad, Goon Jo Aan, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Wnt/ \$\beta\$ -catenin signaling pathway modulation : CK\(36\) : AC\(24\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#), [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Anahuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

[Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[This study showed the functions of shogaol as a sensitizing agent to induce cell death of TRAIL-resistant colon cancer cells.](#)

Pubmed Data : Tumour Biol. 2015 Jun 11. Epub 2015 Jun 11. PMID: [26063410](#)

Article Published Date : Jun 10, 2015

Authors : Jung Soon Hwang, Hai-Chon Lee, Sang Cheul Oh, Dae-Hee Lee, Ki Han Kwon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#),

[Chemosensitizer : CK\(394\) : AC\(286\)](#), [Survivin Down-Regulation : CK\(15\) : AC\(13\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Topic: Diabetes Mellitus: Type 1: Prevention](#)

[Ginger supplementation is an effective treatment for type 2 diabetes.](#)

Pubmed Data : Int J Food Sci Nutr. 2014 Feb 4. Epub 2014 Feb 4. PMID: [24490949](#)

Article Published Date : Feb 03, 2014

Authors : Tahereh Arablou, Naheed Aryaeian, Majid Valizadeh, Faranak Sharifi, Aghafatemeh Hosseini, Mahmoud Djalali

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

[Anti-diabetic activity of Zingiber officinale in streptozotocin-induced type I diabetic rats.](#)

Pubmed Data : J Pharm Pharmacol. 2004 Jan ;56(1):101-5. PMID: [14980006](#)

Article Published Date : Dec 31, 2003

Authors : Sanjay P Akhiani, Santosh L Vishwakarma, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

Problem Substances : [Insulin : CK\(149\) : AC\(23\)](#)

Topic: [Oxidative Stress](#)

[6-gingerol may be useful in the prevention and treatment of alzheimer's disease.](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A compound in ginger known as 6-Gingerol prevents cisplatin-induced acute renal failure in rats.](#)

Pubmed Data : J Agric Food Chem. 2005 Apr 6;53(7):2446-50. PMID: [16971750](#)

Article Published Date : Apr 06, 2005

Authors : Anurag Kuhad, Naveen Tirkey, Sangeeta Pilkhwal, Kanwaljit Chopra

Study Type : Animal Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

[Dietary ginger has a protective effect on lindane-induced oxidative stress in rats.](#)

Pubmed Data : Altern Med Rev. 2008 Mar;13(1):6-20. PMID: [18389491](#)

Article Published Date : Mar 01, 2008

Authors : Rafat S Ahmed, Sanvidhan G Suke, Vandana Seth, Ayanabha Chakraborti, Ashok K Tripathi, Basu D Banerjee

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Pesticide Toxicity : CK\(192\) : AC\(61\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Chemical: Lindane : CK\(22\) : AC\(7\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Ginger protects mice against radiation-induced lethality.](#)

Pubmed Data : Cancer Biother Radiopharm. 2004 Aug;19(4):422-35. PMID: [15453957](#)

Article Published Date : Aug 01, 2004

Authors : Ganesh Jagetia, Manjeshwar Baliga, Ponemone Venkatesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[These results are supportive of use of ginger essential oil as a potential radioprotective compound.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2016 ;17(3):1325-32. PMID: [27039766](#)

Article Published Date : Dec 31, 2015

Authors : Kottarapat Jeena, Vijayasteltar B Liju, Viswanathan Ramanath, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#)

Topic: [Anxiety: Preoperative](#)

[Lavender and ginger oil reduce distress levels in children before undergoing anesthesia.](#)

Pubmed Data : J Perianesth Nurs. 2009 Oct;24(5):307-12. PMID: [19853815](#)

Article Published Date : Oct 01, 2009

Authors : DeeAnn Nord, John Belew

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Lavender : CK\(363\) : AC\(45\)](#)

Diseases : [Anxiety: Preoperative : CK\(30\) : AC\(3\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Topic: Bleeding: Excessive

Ginger is an effective supplement for heavy menstrual bleeding.

Pubmed Data : Phytother Res. 2014 Oct 8. Epub 2014 Oct 8. PMID: [25298352](#)

Article Published Date : Oct 07, 2014

Authors : Farzaneh Kashеfi, Marjan Khajehei, Mohammad Alavinia, Ebrahim Golmakani, Javad Asili

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bleeding: Excessive : CK\(12\) : AC\(2\)](#), [Menorrhagia : CK\(32\) : AC\(5\)](#), [Uterine Bleeding : CK\(20\) : AC\(1\)](#)

Topic: Breast Milk: Inadequate/Poor Quality

Ginger is a promising natural galactagogue to improve breast milk volume in the immediate postpartum period without any notable side effect.

Pubmed Data : Breastfeed Med. 2016 Aug 9. Epub 2016 Aug 9. PMID: [27505611](#)

Article Published Date : Aug 08, 2016

Authors : Panwara Paritakul, Kasem Ruangrongmorakot, Wipada Laosooksathit, Maysita Suksamarnwong, Pawin Puapornpong

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Milk: Inadequate/Poor Quality : CK\(110\) : AC\(10\)](#)

Pharmacological Actions : [Galactagogue : CK\(73\) : AC\(8\)](#)

Topic: C-Reactive Protein

Ginger powder supplementation can reduce inflammatory markers in patients with knee osteoarthritis.

Pubmed Data : J Tradit Complement Med. 2016 Jul ;6(3):199-203. Epub 2015 Jan 28. PMID: [27419081](#)

Article Published Date : Jun 30, 2016

Authors : Zahra Naderi, Hassan Mozaffari-Khosravi, Ali Dehghan, Azadeh Nadjarzadeh, Hassan Fallah Huseini

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein : CK\(1852\) : AC\(174\)](#), [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Topic: C-Reactive Protein (CRP)

3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebeh Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Topic: [Cardiovascular Disease: Prevention](#)

[Daily administration of 1,000 mg ginger reduces serum triglyceride concentration, which is a risk factor for cardiovascular disease in peritoneal dialysis patients.](#)

Pubmed Data : Perit Dial Int. 2015 Oct 16. Epub 2015 Oct 16. PMID: [26475844](#)

Article Published Date : Oct 15, 2015

Authors : Hadi Tabibi, Hossein Imani, Shahnaz Atabak, Iraj Najafi, Mehdi Hedayati, Leila Rahmani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cardiovascular Disease: Prevention : CK\(3250\) : AC\(433\)](#), [Hemodialysis : CK\(463\) : AC\(49\)](#), [Triglycerides: Elevated : CK\(718\) : AC\(117\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

Topic: [Cesarean Section](#)

[Ginger extract can be used for the prevention of nausea and vomiting during cesarean section under spinal anesthesia.](#)

Pubmed Data : Anesth Pain Med. 2016 Oct ;6(5):e38943. Epub 2016 Aug 15. PMID: [27847700](#)

Article Published Date : Sep 30, 2016

Authors : Hossein Zeraati, Javad Shahinfar, Shiva Imani Hesari, Mahnaz Masrorniya, Fatemeh Nasimi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cesarean Section : CK\(492\) : AC\(39\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Chemotherapy-Induced Toxicity](#)

[Ginger root powder is effective in reducing severity of acute and delayed chemotherapy-induced nausea and vomiting as additional therapy to ondansetron and dexamethasone in patients receiving chemotherapy.](#)

Pubmed Data : Pediatr Blood Cancer. 2010 Sep 14. Epub 2010 Sep 14. PMID: [20842754](#)

Article Published Date : Sep 14, 2010

Authors : Anu Kochanujan Pillai, Kamlesh K Sharma, Yogendra K Gupta, Sameer Bakhshi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity : CK\(1033\) : AC\(327\)](#), [Nausea: Chemotherapy-Induced : CK\(70\) : AC\(6\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

Topic: Cholesterol: High

Ginger has a significant lipid lowering effect compared to placebo.

Pubmed Data : Saudi Med J. 2008 Sep;29(9):1280-4. PMID: [18813412](#)

Article Published Date : Sep 01, 2008

Authors : Reza Alizadeh-Navaei, Fatemeh Roozbeh, Mehrdad Saravi, Mehdi Pouramir, Farzad Jalali, Ali A Moghadamnia

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: High : CK\(1226\) : AC\(195\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#), [Hypercholesterolemia : CK\(1428\) : AC\(227\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Topic: Cognitive Decline/Dysfunction

Ginger is a potential cognitive enhancer for middle-aged women.

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:383062. Epub 2011 Dec 22. PMID: [22235230](#)

Article Published Date : Jan 01, 2012

Authors : Naritsara Saenghong, Jintanaporn Wattanathorn, Supaporn Muchimapura, Terdthai Tongun, Nawanant Piyavhatkul, Chuleratana Banchonglikitkul, Tanwarat Kajsongkram

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cognitive Decline/Dysfunction : CK\(1163\) : AC\(215\)](#)

Topic: Delayed Gastric Emptying

A standardized extract of ginger and artichoke significantly promoted gastric emptying in healthy volunteers.

Pubmed Data : Eur Rev Med Pharmacol Sci. 2016 Jan ;20(1):146-9. PMID: [26813467](#)

Article Published Date : Dec 31, 2015

Authors : S Lazzini, W Polinelli, A Riva, P Morazzoni, E Bombardelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Delayed Gastric Emptying : CK\(107\) : AC\(13\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Gastroparesis

Ginger extract reduces delayed gastric emptying and nosocomial pneumonia in adult respiratory distress syndrome patients hospitalized in an intensive care unit.

Pubmed Data : J Crit Care. 2010 Feb 9. Epub 2010 Feb 9. PMID: [20149584](#)

Article Published Date : Feb 09, 2010

Authors : Zahra Vahdat Shariatpanahi, Fourogh Azam Taleban, Majid Mokhtari, Shaahin Shahbazi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastroparesis : CK\(107\) : AC\(13\)](#), [Pneumonia : CK\(409\) : AC\(55\)](#), [Respiratory Distress Syndrome : CK\(11\) : AC\(2\)](#)

Topic: [Hemodialysis](#)

[Daily administration of 1,000 mg ginger reduces serum triglyceride concentration, which is a risk factor for cardiovascular disease in peritoneal dialysis patients.](#)

Pubmed Data : Perit Dial Int. 2015 Oct 16. Epub 2015 Oct 16. PMID: [26475844](#)

Article Published Date : Oct 15, 2015

Authors : Hadi Tabibi, Hossein Imani, Shahnaz Atabak, Iraj Najafi, Mehdi Hedayati, Leila Rahmani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cardiovascular Disease: Prevention : CK\(3250\) : AC\(433\)](#), [Hemodialysis : CK\(463\) : AC\(49\)](#), [Triglycerides: Elevated : CK\(718\) : AC\(117\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

Topic: [Hypercholesterolemia](#)

[Ginger has a significant lipid lowering effect compared to placebo.](#)

Pubmed Data : Saudi Med J. 2008 Sep;29(9):1280-4. PMID: [18813412](#)

Article Published Date : Sep 01, 2008

Authors : Reza Alizadeh-Navaei, Fatemeh Roozbeh, Mehrdad Saravi, Mehdi Pouramir, Farzad Jalali, Ali A Moghadamnia

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: High : CK\(1226\) : AC\(195\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#), [Hypercholesterolemia : CK\(1428\) : AC\(227\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Topic: [Hyperglycemia](#)

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebeh Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Topic: [Menorrhagia](#)

[Ginger is an effective supplement for heavy menstrual bleeding.](#)

Pubmed Data : Phytother Res. 2014 Oct 8. Epub 2014 Oct 8. PMID: [25298352](#)

Article Published Date : Oct 07, 2014

Authors : Farzaneh Kashefi, Marjan Khajehei, Mohammad Alavinia, Ebrahim Golmakani, Javad Asili

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bleeding: Excessive : CK\(12\) : AC\(2\)](#), [Menorrhagia : CK\(32\) : AC\(5\)](#), [Uterine Bleeding : CK\(20\) : AC\(1\)](#)

Topic: [Migraines](#)

[Ginger compares favorably to the drug sumatriptan for migraine headaches, but with lower side effects.](#)

Pubmed Data : Phytother Res. 2013 May 9. Epub 2013 May 9. PMID: [23657930#](#)

Article Published Date : May 08, 2013

Authors : Maghbooli Mehdi, Golipour Farhad, Moghimi Esfandabadi Alireza, Yousefi Mehran

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Migraines : CK\(20\) : AC\(2\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

Topic: [Morning Sickness](#)

[Ginger syrup may be effective as an antiemetic in early pregnancy.](#)

Pubmed Data : Altern Ther Health Med. 2002 Sep-Oct;8(5):89-91. PMID: [12233808](#)

Article Published Date : Sep 01, 2002

Authors : Angela Keating, Ronald A Chez

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Morning Sickness : CK\(50\) : AC\(5\)](#)

Topic: [Motion Sickness](#)

[Ginger has a therapeutic effect on motion sickness.](#)

Pubmed Data : Nutr Cancer. 2007;58(1):60-5. PMID: [12576305](#)

Article Published Date : Jan 01, 2007

Authors : Han-Chung Lien, Wei Ming Sun, Yen-Hsueh Chen, Hyerang Kim, William Hasler, Chung Owyang

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Motion Sickness : CK\(10\) : AC\(1\)](#)

Pharmacological Actions : [Vasopressin Inhibitor : CK\(12\) : AC\(2\)](#)

Topic: [Muscle Damage](#)

[Ginger supplementation may be used to accelerate recovery of muscle strength following intense exercise](#)

Pubmed Data : Phytother Res. 2015 Jun ;29(6):887-93. Epub 2015 Mar 18. PMID: [25787877](#)

Article Published Date : May 31, 2015

Authors : Melissa D Matsumura, Gerald S Zavorsky, James M Smoliga

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Damage : CK\(2\) : AC\(1\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Additional Keywords : [Supplementation : CK\(413\) : AC\(60\)](#)

Topic: [Muscle Soreness: Exercise-Induced](#)

[Ginger and cinnamon intake have positive effects on inflammation and muscle soreness endured by exercise in Iranian female athletes.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S11-5. PMID: [23717759](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Awat Feizi, Mitra Hariri, Leila Darvishi, Azam Barani, Maryam Taghiyar, Afshin Shiranian, Maryam Hajishafiee

Study Type : Human Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Muscle Soreness: Exercise-Induced : CK\(164\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

Topic: [Nausea: Chemotherapy-Induced](#)

[Ginger root powder is effective in reducing severity of acute and delayed chemotherapy-induced nausea and vomiting as additional therapy to ondansetron and dexamethasone in patients receiving chemotherapy.](#)

Pubmed Data : Pediatr Blood Cancer. 2010 Sep 14. Epub 2010 Sep 14. PMID: [20842754](#)

Article Published Date : Sep 14, 2010

Authors : Anu Kochanujan Pillai, Kamlesh K Sharma, Yogendra K Gupta, Sameer Bakhshi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity : CK\(1033\) : AC\(327\)](#), [Nausea: Chemotherapy-Induced : CK\(70\) : AC\(6\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

Topic: [Nausea: Pregnancy-Associated](#)

[Ginger and Vitamin B6 are both effective in treating nausea and vomiting in pregnancy.](#)

Pubmed Data : Midwifery. 2008 Feb 11. PMID: [18272271](#)

Article Published Date : Feb 11, 2008

Authors : Jenabi Ensiyeh, Mohammad-Alizadeh C Sakineh

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Vitamin B-6 : CK\(435\) : AC\(54\)](#)

Diseases : [Nausea: Pregnancy-Associated : CK\(21\) : AC\(3\)](#)

Topic: Nausea: Post-Operative

[Aromatherapy is promising as an inexpensive, noninvasive treatment for postoperative nausea that can be administered and controlled by patients as needed.](#)

Pubmed Data : Anesth Analg. 2013 Sep ;117(3):597-604. Epub 2012 Mar 5. PMID: [22392970](#)

Article Published Date : Aug 31, 2013

Authors : Ronald Hunt, Jacqueline Dienemann, H James Norton, Wendy Hartley, Amanda Hudgens, Thomas Stern, George Divine

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Peppermint : CK\(333\) : AC\(53\)](#), [Spearmint : CK\(45\) : AC\(7\)](#)

Diseases : [Nausea: Post-Operative : CK\(31\) : AC\(4\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: Nausea: Sea-Sickness

[Ginger reduces the tendency to vomiting and cold sweating due to seasickness significantly better than placebo.](#)

Pubmed Data : Acta Otolaryngol. 1988 Jan-Feb;105(1-2):45-9. PMID: [3277342](#)

Article Published Date : Jan 01, 1988

Authors : A Grøntved, T Brask, J Kambskard, E Hentzer

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Nausea : CK\(50\) : AC\(5\)](#), [Nausea: Sea-Sickness : CK\(10\) : AC\(1\)](#)

Topic: Neurogenic Bladder

[Ginger-salt moxibustion is therapeutic for poststroke urinary disorders.](#)

Pubmed Data : Zhongguo Zhen Jiu. 2006 Sep;26(9):621-4. PMID: [17036477](#)

Article Published Date : Sep 01, 2006

Authors : Hui-lin Liu, Lin-peng Wang

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Neurogenic Bladder : CK\(91\) : AC\(10\)](#), [Stroke: PostStroke Urinary Disorders : CK\(10\) : AC\(1\)](#)

Therapeutic Actions : [Moxibustion : CK\(274\) : AC\(28\)](#)

Topic: Overweight

[Ginger consumption enhances the thermic effect of food and promotes feelings of satiety without affecting metabolic and hormonal parameters in overweight men.](#)

Pubmed Data : Metabolism. 2012 Oct ;61(10):1347-52. Epub 2012 Apr 24. PMID: [22538118](#)

Article Published Date : Sep 30, 2012

Authors : Muhammad S Mansour, Yu-Ming Ni, Amy L Roberts, Michael Kelleman, Arindam Roychoudhury, Marie-Pierre St-Onge

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Overweight : CK\(3320\) : AC\(544\)](#), [Weight Problems: Appetite : CK\(162\) : AC\(22\)](#)

Pharmacological Actions : [Thermogenic : CK\(57\) : AC\(9\)](#)

Topic: [Pneumonia](#)

[Ginger extract reduces delayed gastric emptying and nosocomial pneumonia in adult respiratory distress syndrome patients hospitalized in an intensive care unit.](#)

Pubmed Data : J Crit Care. 2010 Feb 9. Epub 2010 Feb 9. PMID: [20149584](#)

Article Published Date : Feb 09, 2010

Authors : Zahra Vahdat Shariatpanahi, Fourogh Azam Taleban, Majid Mokhtari, Shaahin Shahbazi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastroparesis : CK\(107\) : AC\(13\)](#), [Pneumonia : CK\(409\) : AC\(55\)](#), [Respiratory Distress Syndrome : CK\(11\) : AC\(2\)](#)

Topic: [Premenopausal Disorders](#)

[Effect of treatment with ginger on the severity of premenstrual syndrome symptoms.](#)

Pubmed Data : ISRN Obstet Gynecol. 2014 ;2014:792708. Epub 2014 May 4. PMID: [24944825](#)

Article Published Date : Dec 31, 2013

Authors : Samira Khayat, Masoomeh Kheirkhah, Zahra Behboodi Moghadam, Hamed Fanaei, Amir Kasaeian, Mani Javadimehr

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Premenopausal Disorders : CK\(60\) : AC\(3\)](#)

Topic: [Quality of Life: Poor](#)

[A statistically significant change from baseline for health related quality of life was detected after ginger essential oil inhalation.](#)

Pubmed Data : Complement Ther Med. 2015 Jun ;23(3):396-404. Epub 2015 Apr 21. PMID: [26051575](#)

Article Published Date : May 31, 2015

Authors : Pei Lin Lua, Noor Salihah, Nik Mazlan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Quality of Life: Poor : CK\(448\) : AC\(46\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Respiratory Distress Syndrome](#)

[Ginger extract reduces delayed gastric emptying and nosocomial pneumonia in adult respiratory distress syndrome patients hospitalized in an intensive care unit.](#)

Pubmed Data : J Crit Care. 2010 Feb 9. Epub 2010 Feb 9. PMID: [20149584](#)

Article Published Date : Feb 09, 2010

Authors : Zahra Vahdat Shariatpanahi, Fourogh Azam Taleban, Majid Mokhtari, Shaahin Shahbazi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastroparesis : CK\(107\) : AC\(13\)](#), [Pneumonia : CK\(409\) : AC\(55\)](#), [Respiratory Distress Syndrome : CK\(11\) : AC\(2\)](#)

Topic: [Rheumatoid Arthritis](#)

[Comparable efficacy of standardized Ayurveda formulation and hydroxychloroquine sulfate \(HCQS\) in the treatment of rheumatoid arthritis \(RA\).](#)

Pubmed Data : Clin Rheumatol. 2012 Feb ;31(2):259-69. Epub 2011 Jul 20. PMID: [21773714](#)

Article Published Date : Jan 31, 2012

Authors : Arvind Chopra, Manjit Saluja, Girish Tillu, Anuradha Venugopalan, Gumdal Narsimulu, Rohini Handa, Lata Bichile, Ashwinikumar Raut, Sanjeev Sarmukaddam, Bhushan Patwardhan

Study Type : Human Study

Additional Links

Substances : [Ayurvedic Formulations : CK\(135\) : AC\(22\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Rheumatoid Arthritis : CK\(706\) : AC\(117\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Hydroxychloroquine sulfate : CK\(10\) : AC\(1\)](#)

Topic: [Stroke: PostStroke Urinary Disorders](#)

[Ginger-salt moxibustion is therapeutic for poststroke urinary disorders.](#)

Pubmed Data : Zhongguo Zhen Jiu. 2006 Sep;26(9):621-4. PMID: [17036477](#)

Article Published Date : Sep 01, 2006

Authors : Hui-lin Liu, Lin-peng Wang

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Neurogenic Bladder : CK\(91\) : AC\(10\)](#), [Stroke: PostStroke Urinary Disorders : CK\(10\) : AC\(1\)](#)

Therapeutic Actions : [Moxibustion : CK\(274\) : AC\(28\)](#)

Topic: [Triglycerides: Elevated](#)

[Daily administration of 1,000 mg ginger reduces serum triglyceride concentration, which is a risk factor for cardiovascular disease in peritoneal dialysis patients.](#)

Pubmed Data : Perit Dial Int. 2015 Oct 16. Epub 2015 Oct 16. PMID: [26475844](#)

Article Published Date : Oct 15, 2015

Authors : Hadi Tabibi, Hossein Imani, Shahnaz Atabak, Iraj Najafi, Mehdi Hedayati, Leila Rahmani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cardiovascular Disease: Prevention : CK\(3250\) : AC\(433\)](#), [Hemodialysis : CK\(463\) : AC\(49\)](#), [Triglycerides: Elevated : CK\(718\) : AC\(117\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Risk Reduction](#) : [CK\(6417\)](#) : [AC\(686\)](#)

Topic: [Tuberculosis](#)

[Ginger supplementation with antitubercular treatment significantly lowered TNF alpha, ferritin and MDA concentrations.](#)

Pubmed Data : J Complement Integr Med. 2016 Jun 1 ;13(2):201-6. PMID: [27089418](#)

Article Published Date : May 31, 2016

Authors : Rashmi Anant Kulkarni, Ajit Ramesh Deshpande

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : [CK\(696\)](#) : [AC\(184\)](#)

Diseases : [Tuberculosis](#) : [CK\(312\)](#) : [AC\(54\)](#)

Therapeutic Actions : [Integrative Medicine](#) : [CK\(312\)](#) : [AC\(45\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : [CK\(4861\)](#) : [AC\(1630\)](#), [Antioxidants](#) : [CK\(7529\)](#) : [AC\(2682\)](#), [Malondialdehyde Down-regulation](#) : [CK\(554\)](#) : [AC\(152\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : [CK\(1823\)](#) : [AC\(669\)](#)

Topic: [Uterine Bleeding](#)

[Ginger is an effective supplement for heavy menstrual bleeding.](#)

Pubmed Data : Phytother Res. 2014 Oct 8. Epub 2014 Oct 8. PMID: [25298352](#)

Article Published Date : Oct 07, 2014

Authors : Farzaneh Kashеfi, Marjan Khajehei, Mohammad Alavinia, Ebrahim Golmakani, Javad Asili

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : [CK\(696\)](#) : [AC\(184\)](#)

Diseases : [Bleeding: Excessive](#) : [CK\(12\)](#) : [AC\(2\)](#), [Menorrhagia](#) : [CK\(32\)](#) : [AC\(5\)](#), [Uterine Bleeding](#) : [CK\(20\)](#) : [AC\(1\)](#)

Topic: [Vertigo](#)

[Ginger root reduces vertigo in human subjects.](#)

Pubmed Data : ORL J Otorhinolaryngol Relat Spec. 1986;48(5):282-6. PMID: [3537898](#)

Article Published Date : Jan 01, 1986

Authors : A Grøntved, E Hentzer

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : [CK\(696\)](#) : [AC\(184\)](#)

Diseases : [Vertigo](#) : [CK\(61\)](#) : [AC\(6\)](#)

Topic: [Weight Problems: Appetite](#)

[Ginger consumption enhances the thermic effect of food and promotes feelings of satiety without affecting metabolic and hormonal parameters in overweight men.](#)

Pubmed Data : Metabolism. 2012 Oct ;61(10):1347-52. Epub 2012 Apr 24. PMID: [22538118](#)

Article Published Date : Sep 30, 2012

Authors : Muhammad S Mansour, Yu-Ming Ni, Amy L Roberts, Michael Kelleman, Arindam Roychoudhury, Marie-Pierre St-Onge

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Overweight : CK\(3320\) : AC\(544\)](#), [Weight Problems: Appetite : CK\(162\) : AC\(22\)](#)

Pharmacological Actions : [Thermogenic : CK\(57\) : AC\(9\)](#)

Topic: [Hypertension](#)

[Anti-diabetic activity of Zingiber officinale in streptozotocin-induced type I diabetic rats.](#)

Pubmed Data : J Pharm Pharmacol. 2004 Jan ;56(1):101-5. PMID: [14980006](#)

Article Published Date : Dec 31, 2003

Authors : Sanjay P Akhani, Santosh L Vishwakarma, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

Problem Substances : [Insulin : CK\(149\) : AC\(23\)](#)

[Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.](#)

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Interleukin-10 downregulation : CK\(128\) : AC\(45\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Ginger lowers blood pressure through blockade of voltage-dependent calcium channels.](#)

Pubmed Data : J Cardiovasc Pharmacol. 2005 Jan;45(1):74-80. PMID: [15613983](#)

Article Published Date : Jan 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#), [Calcium Channel Blockers : CK\(87\) : AC\(23\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Supplementation with turmeric or ginger modulated the hydrolysis of ATP, ADP and AMP.](#)

Pubmed Data : Phytother Res. 2016 May 6. Epub 2016 May 6. PMID: [27151061](#)

Article Published Date : May 05, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#)

Topic: Pancreatic Cancer

Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

Ginger extract inhibited cell proliferation and subsequently induced the autotic death of pancreatic cancer Panc-1 cells.

Pubmed Data : PLoS One. 2015 ;10(5):e0126605. Epub 2015 May 11. PMID: [25961833](#)

Article Published Date : Dec 31, 2014

Authors : Miho Akimoto, Mari Iizuka, Rie Kanematsu, Masato Yoshida, Keizo Takenaga

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Autophagy Up-regulation : CK\(108\) : AC\(65\)](#)

Gingerol may help combat chemotherapy resistant pancreatic cancer cells.

Pubmed Data : Yonsei Med J. 2006 Oct 31;47(5):688-97. PMID: [17066513](#)

Article Published Date : Oct 31, 2006

Authors : Yon Jung Park, Jing Wen, Seungmin Bang, Seung Woo Park, Si Young Song

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Additional Keywords : [Chemotherapy Resistance : CK\(2\) : AC\(2\)](#)

Topic: Breast Cancer

Ginger has significant anti-breast cancer properties.

Pubmed Data : J Biomed Biotechnol. 2012 ;2012:614356. Epub 2012 Aug 26. PMID: [22969274](#)

Article Published Date : Dec 31, 2011

Authors : Ayman I Elkady, Osama A Abuzinadah, Nabih A Baeshen, Tarek R Rahmy

Study Type : Insect Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bax/Bcl2 Ratio: Decrease : CK\(15\) : AC\(9\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#)

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[6-Dehydrogingerdione, an active constituent of dietary ginger, induces cell cycle arrest and programmed cell death in human breast cancer cells.](#)

Pubmed Data : Mol Nutr Food Res. 2010 Feb 19. Epub 2010 Feb 19. PMID: [20175081](#)

Article Published Date : Feb 19, 2010

Authors : Ya-Ling Hsu, Chung-Yi Chen, Ming-Feng Hou, Eing-Mei Tsai, Yuh-Jyh Jong, Chih-Hsing Hung, Po-Lin Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

Topic: [Cancers: All](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Ginger contains the compound zerumbone, which may have chemopreventive activity through activating phase II drug metabolizing enzymes.](#)

Pubmed Data : FEBS Lett. 2004 Aug 13;572(1-3):245-50. PMID: [15304356](#)

Article Published Date : Aug 13, 2004

Authors : Yoshimasa Nakamura, Chiho Yoshida, Akira Murakami, Hajime Ohigashi, Toshihiko Osawa, Koji Uchida

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Phase II Detoxification Enzyme Inducer : CK\(78\) : AC\(40\)](#)

[Ginger has therapeutic properties relevant to cancer treatment.](#)

Pubmed Data : J BUON. 2011 Jul-Sep;16(3):414-24. PMID: [22006742](#)

Article Published Date : Jul 01, 2011

Authors : M M Pereira, R Haniadka, P P Chacko, P L Palatty, M S Baliga

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Cancers: Drug Resistant : CK\(352\) : AC\(223\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Chemotherapeutic : CK\(394\) : AC\(286\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

[The content of 6-shogaol is very low in fresh ginger, but significantly higher after steaming.](#)

Pubmed Data : Am J Chin Med. 2015 Oct 18:1-13. Epub 2015 Oct 18. PMID: [26477795](#)

Article Published Date : Oct 17, 2015

Authors : Chong-Zhi Wang, Lian-Wen Qi, Chun-Su Yuan

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Topic: [Diabetic Complications](#)

[Combined ginger and cinnamon have significant beneficial effects on the sperm viability, motility, and serum total testosterone, LH,FSH and serum anti-oxidants level](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2014 ;11(4):1-8. Epub 2014 Jun 4. PMID: [25392573](#)

Article Published Date : Dec 31, 2013

Authors : Arash Khaki, Amir Afshin Khaki, Laleh Hajhosseini, Farhad Sadeghpour Golzar, Nava Ainehchi

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Spermatogenic : CK\(12\) : AC\(2\)](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.](#)

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols : CK\(31\) : AC\(17\)](#), [EGCG \(Epigallocatechin gallate\) : CK\(1956\) : AC\(314\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Advanced Glycation End products \(AGE\) : CK\(231\) : AC\(73\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Nrf2 activation : CK\(177\) : AC\(86\)](#)

[These findings showed the potential effects of 6S and 6G on the prevention of protein glycation.](#)

Pubmed Data : Chem Res Toxicol. 2015 Aug 6. Epub 2015 Aug 6. PMID: [26247545](#)

Article Published Date : Aug 05, 2015

Authors : Yingdong Zhu, Yantao Zhao, Pei Wang, Mohamed Ahmedna, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Advanced Glycation Endproduct \(AGE\) Formation : CK\(7\) : AC\(3\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Liver Cancer: Prevention](#)

["Ginger extract \(Zingiber officinale\) has anti-cancer and anti-inflammatory effects on ethionine-induced hepatoma rats."](#)

Pubmed Data : Clinics (Sao Paulo). 2008 Dec ;63(6):807-13. PMID: [19061005](#)

Article Published Date : Dec 01, 2008

Authors : Shafina Hanim Mohd Habib, Suzana Makpol, Noor Aini Abdul Hamid, Srijit Das, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

["Ginger ingredients inhibit the development of diethylnitrosoamine induced premalignant phenotype in rat chemical hepatocarcinogenesis model."](#)

Pubmed Data : Biofactors. 2010 Nov-Dec;36(6):483-90. Epub 2010 Sep 24. PMID: [20872761](#)

Article Published Date : Nov 01, 2010

Authors : Mahmoud A Mansour, Saleh A Bekheet, Salim S Al-Rejaie, Othman A Al-Shabanah, Tawfeq A Al-Howiriny, Ammar C Al-Rikabi, Ayman A Abdo

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger \(Zingiber officinale\) prevents ethionine induced rat hepatocarcinogenesis.](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2008 ;6(1):87-93. Epub 2008 Oct 25. PMID: [20162046](#)

Article Published Date : Jan 01, 2008

Authors : Yasmin Anum Mohd Yusof, Norliza Ahmad, Srijit Das, Suhaniza Sulaiman, Nor Azian Murad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Topic: [Parabens-Associated Toxicity](#)

[Ginger extract ameliorates paraben induced biochemical changes in liver and kidney of mice.](#)

Pubmed Data : Acta Pol Pharm. 2007 May-Jun;64(3):217-20. PMID: [17695143](#)

Article Published Date : May 01, 2007

Authors : Ramtej J Verma, Veena Asnani

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract has an ameliorative effect on paraben-induced lipid peroxidation in the liver of mice.](#)

Pubmed Data : Acta Pol Pharm. 2009 May-Jun;66(3):225-8. PMID: [19645321](#)

Article Published Date : May 01, 2009

Authors : Veena M Asnani, Ramtej J Verma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A water extract of ginger ameliorates paraben induced cytotoxicity.](#)

Pubmed Data : Acta Pol Pharm. 2006 Mar-Apr;63(2):117-9. PMID: [17514874](#)

Article Published Date : Mar 01, 2006

Authors : Veena Asnani, Ramtej Jayram Verma

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

[Ginger significantly reduces paraben induced lipid peroxidation in liver and kidney cells.](#)

Pubmed Data : Acta Pol Pharm. 2007 Jan-Feb;64(1):35-7. PMID: [17665848](#)

Article Published Date : Jan 01, 2007

Authors : Veena Asnani, Ramtej Jayram Verma

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Topic: Prostate Cancer](#)

[Ginger protects against prostate cancer.](#)

Pubmed Data : Mol Nutr Food Res. 2007 Dec;51(12):1492-502. PMID: [18030663](#)

Article Published Date : Dec 01, 2007

Authors : Yogeshwer Shukla, Sahdeo Prasad, Chitra Tripathi, Madhulika Singh, Jasmine George, Neetu Kalra

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

[Whole ginger extract reduces prostate tumor size by 56% in mice.](#)

Pubmed Data : Br J Nutr. 2011 Aug 18;112:1-12. Epub 2011 Aug 18. PMID: [21849094](#)

Article Published Date : Aug 18, 2011

Authors : Prasanthi Karna, Sharmeen Chagani, Sushma R Gundala, Padmashree C G Rida, Ghazia Asif, Vibhuti Sharma, Meenakshi V Gupta, Ritu Aneja

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[**Curcumin, Resveratrol and Gingerol decrease prostate inflammation**](#)

Pubmed Data : Carcinogenesis. 2007 Jun;28(6):1188-96. Epub 2006 Dec 6. PMID: [17151092](#)

Article Published Date : Jun 01, 2007

Authors : Larisa Nonn, David Duong, Donna M Peehl

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Resveratrol : CK\(1283\) : AC\(746\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[**Turmeric and ginger work synergistically to suppress prostate cancer cell lines.**](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2012 Oct 12 ;0(0):1-8. Epub 2012 Oct 12. PMID: [23072849](#)

Article Published Date : Oct 11, 2012

Authors : Kesava Rao V Kurapati, Thangavel Samikkannu, Dakshayani B Kadiyala, Saiyed M Zainulabedin, Nimisha Gandhi, Sadhana S Sathaye, Manohar A Indap, Nawal Boukli, Jose W Rodriguez, Madhavan P N Nair

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Additional Keywords : [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: Alzheimer's Disease

[**6-gingerol may be useful in the prevention and treatment of alzheimer's disease.**](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[**A combination of ginger and peony root may prevent memory impairment in AD by inhibiting A \$\beta\$ accumulation and inflammation in the brain.**](#)

Pubmed Data : J Alzheimers Dis. 2015 Nov 30. Epub 2015 Nov 30. PMID: [26639976](#)

Article Published Date : Nov 29, 2015

Authors : Soonmin Lim, Jin Gyu Choi, Minho Moon, Hyo Geun Kim, Wonil Lee, Hyoung-Rok Bak, Hachang Sung, Chi Hye Park, Sun Yeou Kim, Myung Sook Oh

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Peony](#) : CK(50) : AC(14)

Diseases : [Alzheimer's Disease](#) : CK(1292) : AC(382), [Brain Inflammation](#) : CK(274) : AC(145)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Cyclooxygenase 2 Inhibitors](#) : CK(464) : AC(272)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.](#)

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom](#) : CK(39) : AC(9), [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184), [Long Pepper](#) : CK(15) : AC(9), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Alzheimer's Disease](#) : CK(1292) : AC(382)

Pharmacological Actions : [Neuroprotective Agents](#) : CK(2360) : AC(1099), [β-secretase Inhibitor](#) : CK(1) : AC(1)

Topic: [Arsenic Poisoning](#)

["6\]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice."](#)

Pubmed Data : Toxicol Lett. 2012 Jan 10 ;210(1):34-43. Epub 2012 Jan 10. PMID: [22285432](#)

Article Published Date : Jan 10, 2012

Authors : Debrup Chakraborty, Avinaba Mukherjee, Sourav Sikdar, Avijit Paul, Samrat Ghosh, Anisur Rahman Khuda-Bukhsh

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [Arsenic Poisoning](#) : CK(160) : AC(49), [Insulin Resistance](#) : CK(1683) : AC(346)

Pharmacological Actions : [Insulin Sensitizers](#) : CK(350) : AC(70)

[Turmeric and ginger were effective in eliminating arsenic from the body but could protect from possible damage caused by arsenic exposure.](#)

Pubmed Data : J Ethnopharmacol. 2016 Aug 2. Epub 2016 Aug 2. PMID: [27496583](#)

Article Published Date : Aug 01, 2016

Authors : Suman Biswas, Chinmoy Maji, Prasanta Kumar Sarkar, Samar Sarkar, Abichal Chattopadhyay, Tapan Kumar Mandal

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Arsenic Poisoning](#) : CK(160) : AC(49)

Pharmacological Actions : [Antioxidants](#) : CK(7529) : AC(2682), [Cytoprotective](#) : CK(190) : AC(94), [Detoxifier](#) : CK(408) : AC(131)

[Ginger, Garlic, Clove, and Anise \(in order of efficacy\) reduce the adverse effects of arsenite in mouse bone marrow cells.](#)

Pubmed Data : Afr J Med Med Sci. 2003 Mar;32(1):75-80. PMID: [15030071](#)

Article Published Date : Mar 01, 2003

Authors : O A Odunola

Study Type : In Vitro Study

Additional Links

Substances : [Anise : CK\(29\) : AC\(8\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Brain Inflammation](#)

[A combination of ginger and peony root may prevent memory impairment in AD by inhibiting A \$\beta\$ accumulation and inflammation in the brain.](#)

Pubmed Data : J Alzheimers Dis. 2015 Nov 30. Epub 2015 Nov 30. PMID: [26639976](#)

Article Published Date : Nov 29, 2015

Authors : Soonmin Lim, Jin Gyu Choi, Minho Moon, Hyo Geun Kim, Wonil Lee, Hyoung-Rok Bak, Hachang Sung, Chi Hye Park, Sun Yeou Kim, Myung Sook Oh

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Peony : CK\(50\) : AC\(14\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Central Nervous System Diseases : CK\(6\) : AC\(6\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Paradols : CK\(1\) : AC\(1\)](#)

Topic: [Cancers](#)

[6-gingerol a component of ginger is extensively metabolized in H-1299 human lung cancer](#)

[cells.](#)

Pubmed Data : J Agric Food Chem. 2012 Nov 14 ;60(45):11372-7. Epub 2012 Nov 6. PMID: [23066935](#)

Article Published Date : Nov 13, 2012

Authors : Lishuang Lv, Huadong Chen, Dominique Soroka, Xiaoxin Chen, TinChung Leung, Shengmin Sang

Study Type : Animal Study, Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers : CK\(7\) : AC\(3\)](#), [Carcinoma: Non-Small-Cell Lung : CK\(134\) : AC\(71\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#)

Additional Keywords : [Biotransformation : CK\(5\) : AC\(1\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Carcinoma: Non-Small-Cell Lung](#)

[6-gingerol a component of ginger is extensively metabolized in H-1299 human lung cancer cells.](#)

Pubmed Data : J Agric Food Chem. 2012 Nov 14 ;60(45):11372-7. Epub 2012 Nov 6. PMID: [23066935](#)

Article Published Date : Nov 13, 2012

Authors : Lishuang Lv, Huadong Chen, Dominique Soroka, Xiaoxin Chen, TinChung Leung, Shengmin Sang

Study Type : Animal Study, Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers : CK\(7\) : AC\(3\)](#), [Carcinoma: Non-Small-Cell Lung : CK\(134\) : AC\(71\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#)

Additional Keywords : [Biotransformation : CK\(5\) : AC\(1\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Respiratory Syncytial Virus Infections](#)

[Fresh ginger \(Zingiber officinale\) has anti-viral activity against human respiratory syncytial virus in human respiratory tract cell lines.](#)

Pubmed Data : J Ethnopharmacol. 2012 Nov 1. Epub 2012 Nov 1. PMID: [23123794](#)

Article Published Date : Oct 31, 2012

Authors : Jung San Chang, Kuo Chih Wang, Chia Feng Yeh, Den En Shieh, Lien Chai Chiang

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Respiratory Syncytial Virus Infections : CK\(76\) : AC\(24\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Fresh Versus Dried Potencies : CK\(5\) : AC\(1\)](#)

Topic: [Arthritis: Rheumatoid](#)

[Ginger contains compounds with significant joint-protective effects in experimental rheumatoid arthritis.](#)

Pubmed Data : J Nat Prod. 2009 Feb 13. PMID: [19216559](#)

Article Published Date : Feb 13, 2009

Authors : Janet L Funk, Jennifer B Frye, Janice N Oyarzo, Barbara N Timmermann

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arthritis: Rheumatoid : CK\(307\) : AC\(55\)](#)

[Ginger extract is superior to the NSAID drug indomethacin in a rat model of rheumatoid arthritis.](#)

Pubmed Data : Basic Clin Pharmacol Toxicol. 2009 Mar;104(3):262-71. Epub 2009 Jan 20. PMID: [19175367](#)

Article Published Date : Mar 01, 2009

Authors : Abdel-Motaal M Fouda, Mohamed Y Berika

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arthritis: Rheumatoid : CK\(307\) : AC\(55\)](#)

Additional Keywords : [Food as Medicine : CK\(18\) : AC\(6\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

Topic: [Brain Damage](#)

[Ginger mitigates damage and improves memory impairment in focal cerebral ischemia.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2011;2011:429505. Epub 2010 Dec 20. PMID: [21197427](#)

Article Published Date : Jan 01, 2011

Authors : Jintanaporn Wattanathorn, Jinatta Jittiwat, Terdthai Tongun, Supaporn Muchimapura, Kornkanok Ingkaninan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#), [Memory Disorders : CK\(344\) : AC\(104\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[Ginger protects against dichlorvos and lindane induced oxidative stress in rat brain.](#)

Pubmed Data : Pharmacognosy Res. 2012 Jan ;4(1):27-32. PMID: [22224058](#)

Article Published Date : Jan 01, 2012

Authors : Poonam Sharma, Rambir Singh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Problem Substances : [Dichlorvos : CK\(6\) : AC\(3\)](#), [Lindane : CK\(2\) : AC\(1\)](#)

Topic: [Chemically-Induced Liver Damage](#)

[Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zinc : CK\(941\) : AC\(139\)](#)

Diseases : [Chemical Exposure : CK\(67\) : AC\(21\)](#), [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#), [Kidney Damage: Chemically-Induced : CK\(25\) : AC\(13\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)
Additional Keywords : [Malathion Toxicity : CK\(2\) : AC\(1\)](#), [Zinc Chloride : CK\(2\) : AC\(1\)](#)

[Ginger extracts can be considered as an effective, economical and safe extract to circumvent phosphamidon induced hepatotoxicity.](#)

Pubmed Data : Indian J Exp Biol. 2015 Sep ;53(9):574-84. PMID: [26548077](#)

Article Published Date : Aug 31, 2015

Authors : Suprabhat Mukherjee, Niladri Mukherjee, Prasanta Saini, Priya Roy, Santi P Sinha Babu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

Topic: [Chemotherapy-Induced Toxicity: Cisplatin](#)

[A compound in ginger known as 6-Gingerol prevents cisplatin-induced acute renal failure in rats.](#)

Pubmed Data : J Agric Food Chem. 2005 Apr 6;53(7):2446-50. PMID: [16971750](#)

Article Published Date : Apr 06, 2005

Authors : Anurag Kuhad, Naveen Tirkey, Sangeeta Pilkhwal, Kanwaljit Chopra

Study Type : Animal Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

[Zingiber officinale \(Ginger\) alone and in combination with vitamin E partially ameliorated cisplatin-induced nephrotoxicity.](#)

Pubmed Data : Food Chem Toxicol. 2007 Jun;45(6):921-7. Epub 2006 Nov 29. PMID: [17210214](#)

Article Published Date : Jun 01, 2007

Authors : T A Ajith, V Nivitha, S Usha

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Vitamin E : CK\(1656\) : AC\(290\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#)

Additional Keywords : [Antineoplastic Agents : CK\(69\) : AC\(28\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Diabetes: Cardiovascular Illness](#)

[Ginger has a protective effect against dyslipidemia in diabetic rats.](#)

Pubmed Data : J Ethnopharmacol. 2005 Feb 28;97(2):227-30. PMID: [15707757](#)

Article Published Date : Feb 28, 2005

Authors : Uma Bhandari, Raman Kanojia, K K Pillai

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: LDL/HDL ratio : CK\(484\) : AC\(61\)](#), [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has anti-diabetic and lipid lowering properties in an animal model of type 1 diabetes.](#)

Pubmed Data : Br J Nutr. 2006 Oct;96(4):660-6. PMID: [17010224](#)

Article Published Date : Oct 01, 2006

Authors : Zainab M Al-Amin, Martha Thomson, Khaled K Al-Qattan, Riitta Peltonen-Shalaby, Muslim Ali

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Diabetes: Kidney Function](#)

[Ameliorative Potentials of Ginger \(*Z. officinale* Roscoe\) on Relative Organ Weights in Streptozotocin induced Diabetic Rats.](#)

Pubmed Data : Int J Biomed Sci. 2013 Jun ;9(2):82-90. PMID: [23847458](#)

Article Published Date : May 31, 2013

Authors : C O Eleazu, M Iroaganachi, P N Okafor, I I Ijeh, K C Eleazu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetic Glomerular Hypertrophy : CK\(2\) : AC\(1\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Ginger has a protective effect against kidney damage associated with diabetes.](#)

Pubmed Data : Chin J Physiol. 2011 Apr 30 ;54(2):79-86. PMID: [21789888](#)

Article Published Date : Apr 30, 2011

Authors : Shanmugam Kondeti Ramudu, Mallikarjuna Korivi, Nishanth Kesireddy, Li-Chen Lee, I-Shiung Cheng, Chia-Hua Kuo, Sathyavelu Reddy Kesireddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Kidney Damage : CK\(193\) : AC\(64\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Fructose-Induced Toxicity](#)

[Ginger has a beneficial effect on fructose induced hyperlipidemia an dhyperinsulinemia in rats.](#)

Pubmed Data : Indian J Exp Biol. 2005 Dec;43(12):1161-4. PMID: [16359128](#)

Article Published Date : Dec 01, 2005

Authors : Sanjay V Kadnur, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Hyperinsulinism : CK\(251\) : AC\(56\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#), [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Treatment with ginger ameliorates fructose-induced Fatty liver and hypertriglyceridemia in rats.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:570948. Epub 2012 Nov 6. PMID: [23193424](#)

Article Published Date : Dec 31, 2011

Authors : Huanqing Gao, Tao Guan, Chunli Li, Guowei Zuo, Johji Yamahara, Jianwei Wang, Yuhao Li

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Liver Stress: Fructose-Induced : CK\(25\) : AC\(13\)](#)

Problem Substances : [Fructose : CK\(361\) : AC\(106\)](#)

Topic: [Giardiasis](#)

[Ginger and cinnamon extracts had potential therapeutic effects on G. lamblia infection in albino rats as a promising alternative therapy to the commonly used anti giardial drugs.](#)

Pubmed Data : Iran J Parasitol. 2014 Oct-Dec;9(4):530-40. PMID: [25759734](#)

Article Published Date : Sep 30, 2014

Authors : Abeer Mahmoud, Rasha Attia, Safaa Said, Zedan Ibraheim

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antigiardial agents : CK\(4\) : AC\(2\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(24\) : AC\(4\)](#)

[Ginger and Turmeric extracts may represent effective and natural therapeutic alternatives in the treatment of giardiosis.](#)

Pubmed Data : Parasitol Res. 2016 Mar 16. Epub 2016 Mar 16. PMID: [26984104](#)

Article Published Date : Mar 15, 2016

Authors : Ahmad K Dyab, Doaa A Yones, Zedan Z Ibraheim, Tasneem M Hassan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#)

Topic: [Lung Cancer](#)

[Ginger contains the compound zerumbone, which inhibits colon and lung carcinogenesis in mice.](#)

Pubmed Data : Int J Cancer. 2009 Jan 15;124(2):264-71. PMID: [19003968](#)

Article Published Date : Jan 15, 2009

Authors : Mihye Kim, Shingo Miyamoto, Yumiko Yasui, Takeru Oyama, Akira Murakami, Takuji Tanaka

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#)

[Ginger exhibits anti-lung cancer properties.](#)

Pubmed Data : J Med Food. 2010 Dec;13(6):1347-54. PMID: [21091248](#)

Article Published Date : Dec 01, 2010

Authors : Wirote Tuntiwechapikul, Thanachai Taka, Chonnipa Songsomboon, Navakoon Kaewtunjai, Arisa Imsumran, Luksana Makonkawkeyoon, Wilart Pompimon, T Randall Lee

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Telomerase Inhibitor : CK\(55\) : AC\(35\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

Topic: [Metabolic Syndrome X](#)

[Ginger has a beneficial effect on fructose induced hyperlipidemia an dhyperinsulinemia in rats.](#)

Pubmed Data : Indian J Exp Biol. 2005 Dec;43(12):1161-4. PMID: [16359128](#)

Article Published Date : Dec 01, 2005

Authors : Sanjay V Kadnur, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Hyperinsulinism : CK\(251\) : AC\(56\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#), [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has a protective effect against the development of metabolic syndrome in high-fat diet-fed rats.](#)

Pubmed Data : Basic Clin Pharmacol Toxicol. 2009 May;104(5):366-73. PMID: [19413656](#)

Article Published Date : May 01, 2009

Authors : Srinivas Nammi, Satyanarayana Sreemantula, Basil D Roufogalis

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Obesity](#)

[Ginger has anti-obesogenic properties.](#)

Pubmed Data : Mol Nutr Food Res. 2011 Sep ;55 Suppl 2:S203-13. Epub 2011 Aug 30. PMID: [21954187](#)

Article Published Date : Sep 01, 2011

Authors : John H Beattie, Fergus Nicol, Margaret-Jane Gordon, Martin D Reid, Louise Cantlay, Graham W Horgan, In-Sook Kwun, Ji-Yun Ahn, Tae-Youl Ha

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Obesity : CK\(3022\) : AC\(467\)](#)

[These results demonstrated that sustained activation of the PPAR \$\delta\$ pathway with GE attenuated diet-induced obesity and improved exercise endurance capacity.](#)

Pubmed Data : J Nutr Biochem. 2015 May 28. Epub 2015 May 28. PMID: [26101135](#)

Article Published Date : May 27, 2015

Authors : Koichi Misawa, Kojiro Hashizume, Masaki Yamamoto, Yoshihiko Minegishi, Tadashi Hase, Akira Shimotoyodome

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [High Fat Diet : CK\(212\) : AC\(103\)](#), [Obesity : CK\(3022\) : AC\(467\)](#)

Additional Keywords : [Anti-Obesity Agents : CK\(487\) : AC\(108\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Radiation Induced Illness](#)

[Ginger exhibits behavioral radioprotection against radiation-induced taste aversion.](#)

Pubmed Data : Pharmacol Biochem Behav. 2006 Jun;84(2):179-88. Epub 2006 Jun 21. PMID: [16797061](#)

Article Published Date : Jun 01, 2006

Authors : Anupum Haksar, Ashok Sharma, Raman Chawla, Raj Kumar, Rajesh Arora, Surender Singh, J Prasad, M Gupta, R P Tripathi, M P Arora, F Islam, R K Sharma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger protects mice against radiation-induced lethality.](#)

Pubmed Data : Cancer Biother Radiopharm. 2004 Aug;19(4):422-35. PMID: [15453957](#)

Article Published Date : Aug 01, 2004

Authors : Ganesh Jagetia, Manjeshwar Baliga, Ponemone Venkatesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Cerebral Ischemia](#)

[Ginger mitigates damage and improves memory impairment in focal cerebral ischemia.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2011;2011:429505. Epub 2010 Dec 20. PMID: [21197427](#)

Article Published Date : Jan 01, 2011

Authors : Jintanaporn Wattanathorn, Jinatta Jittiwat, Terdthai Tongun, Supaporn Muchimapura, Kornkanok Ingkaninan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#), [Memory Disorders : CK\(344\) : AC\(104\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Central Nervous System Diseases : CK\(6\) : AC\(6\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Paradols : CK\(1\) : AC\(1\)](#)

Topic: [Dog Diseases](#)

[Ginger \(intravenous\) exhibits antiparasitic activity against Dirofilaria immitis \(heartworm\).](#)

Pubmed Data : J Helminthol. 1987 Sep;61(3):268-70. PMID: [3668217](#)

Article Published Date : Sep 01, 1987

Authors : A Datta, N C Sukul

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Andrographis, Tinospora and especially Zingiber officinale \(ginger\) have anti-parasitic activity against canine dirofilariasis \(heartworm\).](#)

Pubmed Data : Res Vet Sci. 2010 Feb;88(1):142-7. Epub 2009 Jun 4. PMID: [19500810](#)

Article Published Date : Feb 01, 2010

Authors : L T Merawin, A K Arifah, R A Sani, M N Somchit, A Zuraini, S Ganabadi, Z A Zakaria

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Gastric Cancer](#)

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[These results indicated that the effective components of Pinelliae extract for Purging Stomach-Fire in gastric cancer treatment were pinelliae and dried ginger.](#)

Pubmed Data : Am J Transl Res. 2016 ;8(7):2937-46. Epub 2016 Jul 15. PMID: [27508014](#)

Article Published Date : Dec 31, 2015

Authors : Xi-Ping Liu, Hai-Xia Ming, Pei-Qing Li

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Topic: [Gastric Ulcer](#)

[Turmeric and ginger essential oils could reduce the gastric ulcers in rat stomachs.](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2015 Jan ;26(1):95-103. PMID: [24756059](#)

Article Published Date : Dec 31, 2014

Authors : Vijayasteltar B Liju, Kottarapat Jeena, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric: Volatile Oils : CK\(1\) : AC\(1\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#)

Pharmacological Actions : [Gastroprotective : CK\(155\) : AC\(73\)](#)

Additional Keywords : [Plant Oils : CK\(55\) : AC\(24\)](#)

[Ginger is superior to lansoprazole at blocking ulcer formation.](#)

Pubmed Data : Mol Nutr Food Res. 2007 Mar;51(3):324-32. PMID: [17295419](#)

Article Published Date : Mar 01, 2007

Authors : Mugur N Siddaraju, Shylaja M Dharmesh

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#)

Additional Keywords : [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

[Ginger contains phytochemicals that significantly inhibit gastric lesions.](#)

Pubmed Data : J Ethnopharmacol. 1988 Jul-Aug;23(2-3):299-304. PMID: [3193792](#)

Article Published Date : Jul 01, 1988

Authors : J Yamahara, M Mochizuki, H Q Rong, H Matsuda, H Fujimura

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#)

Topic: [Gastroesophageal Reflux](#)

[Ginger has a gastroprotective effect through its acid blocking and anti-Helico bacter pylori activity.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2009 Jul 1. PMID: [19570992](#)

Article Published Date : Jul 01, 2009

Authors : Siddaraju M Nanjundaiah, Harish Nayaka Mysore Annaiah, Shylaja M Dharmesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acid Reflux : CK\(298\) : AC\(43\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#), [Helicobacter Pylori Infection : CK\(506\) : AC\(104\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Proton Pump Inhibitor : CK\(36\) : AC\(13\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Prevacid \(Lansoprazole\) Alternatives : CK\(6\) : AC\(3\)](#)

[Ginger is superior to lansoprazole at blocking ulcer formation.](#)

Pubmed Data : Mol Nutr Food Res. 2007 Mar;51(3):324-32. PMID: [17295419](#)

Article Published Date : Mar 01, 2007

Authors : Mugur N Siddaraju, Shylaja M Dharmesh

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#)

Additional Keywords : [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

Topic: [Neurodegenerative Diseases](#)

[Ginger inhibits micoglia cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Pets: Heartworm](#)

[Ginger \(intravenous\) exhibits antiparasitic activity against *Dirofilaria immitis* \(heartworm\).](#)

Pubmed Data : J Helminthol. 1987 Sep;61(3):268-70. PMID: [3668217](#)

Article Published Date : Sep 01, 1987

Authors : A Datta, N C Sukul

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Andrographis, Tinospora and especially *Zingiber officinale* \(ginger\) have anti-parasitic activity against canine dirofilariasis \(heartworm\).](#)

Pubmed Data : Res Vet Sci. 2010 Feb;88(1):142-7. Epub 2009 Jun 4. PMID: [19500810](#)

Article Published Date : Feb 01, 2010

Authors : L T Merawin, A K Arifah, R A Sani, M N Somchit, A Zuraini, S Ganabadi, Z A Zakaria

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [ALT: Elevated](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Topic: [AST: Elevated](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Topic: [Acetaminophen \(Tylenol\) Toxicity](#)

[Ginger protects against acetaminophen-induced acute liver injury by enhancing liver antioxidant status.](#)

Pubmed Data : Food Chem Toxicol. 2007 Nov;45(11):2267-72. Epub 2007 Jun 9. PMID: [17637489](#)

Article Published Date : Nov 01, 2007

Authors : T A Ajith, U Hema, M S Aswathy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acetaminophen \(Tylenol\) Toxicity : CK\(166\) : AC\(61\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

Topic: [Acid Reflux](#)

[Ginger has a gastroprotective effect through its acid blocking and anti-Helico bacter pylori activity.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2009 Jul 1. PMID: [19570992](#)

Article Published Date : Jul 01, 2009

Authors : Siddaraju M Nanjundiah, Harish Nayaka Mysore Annaiah, Shylaja M Dharmesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acid Reflux : CK\(298\) : AC\(43\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#), [Helicobacter Pylori Infection : CK\(506\) : AC\(104\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Proton Pump Inhibitor : CK\(36\) : AC\(13\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Prevacid \(Lansoprazole\) Alternatives : CK\(6\) : AC\(3\)](#)

Topic: [Alcohol Toxicity](#)

[Ginger extract improved antioxidant enzymes activity and reduced tHcy and MDA levels.](#)

Pubmed Data : Iran J Med Sci. 2016 May ;41(3 Suppl):S71. PMID: [27840537](#)

Article Published Date : Apr 30, 2016

Authors : Abolfazl Akbari, Khadijeh Nasiri, Mojtaba Heydari, Seyed Hamdollah Mosavat

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Alcohol Toxicity : CK\(337\) : AC\(125\)](#)

Pharmacological Actions : [Prophylactic Agents : CK\(129\) : AC\(31\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Allergic Rhinitis

Ginger and constituent 6-gingerol could be used the prevention or alleviation of allergic rhinitis symptoms.

Pubmed Data : J Nutr Biochem. 2015 Sep 1. Epub 2015 Sep 1. PMID: [26403321](#)

Article Published Date : Aug 31, 2015

Authors : Yoshiyuki Kawamoto, Yuki Ueno, Emiko Nakahashi, Momoko Obayashi, Kento Sugihara, Shanlou Qiao, Machiko Iida, Mayuko Y Kumasaka, Ichiro Yajima, Yuji Goto, Nobutaka Ohgami, Masashi Kato, Kozue Takeda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Allergic Rhinitis : CK\(392\) : AC\(52\)](#), [Allergic Rhinitis: Prevention : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Allergic Agents : CK\(167\) : AC\(61\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Topic: Allergic Rhinitis: Prevention

Ginger and constituent 6-gingerol could be used the prevention or alleviation of allergic rhinitis symptoms.

Pubmed Data : J Nutr Biochem. 2015 Sep 1. Epub 2015 Sep 1. PMID: [26403321](#)

Article Published Date : Aug 31, 2015

Authors : Yoshiyuki Kawamoto, Yuki Ueno, Emiko Nakahashi, Momoko Obayashi, Kento Sugihara, Shanlou Qiao, Machiko Iida, Mayuko Y Kumasaka, Ichiro Yajima, Yuji Goto, Nobutaka Ohgami, Masashi Kato, Kozue Takeda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Allergic Rhinitis : CK\(392\) : AC\(52\)](#), [Allergic Rhinitis: Prevention : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Allergic Agents : CK\(167\) : AC\(61\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Topic: Aluminum Toxicity

Ginger protects against reproductive toxicity of aluminium chloride in rats.

Pubmed Data : Reprod Domest Anim. 2011 Jul 26. Epub 2011 Jul 26. PMID: [21790801](#)

Article Published Date : Jul 26, 2011

Authors : Wa Moselhy, Na Helmy, Br Abdel-Halim, Tm Nabil, Mi Abdel-Hamid

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Aluminum Toxicity : CK\(207\) : AC\(75\)](#)

Topic: Bacterial Infections: Resistance/Biofilm Formation

Antibacterial effect of Allium sativum cloves and Zingiber officinale rhizomes against multiple-drug resistant clinical pathogens.

Pubmed Data : Asian Pac J Trop Biomed. 2012 Aug ;2(8):597-601. PMID: [23569978](#)

Article Published Date : Jul 31, 2012

Authors : Ponmurugan Karupiah, Shyamkumar Rajaram

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#), [Infection: Antibiotic Resistant : CK\(411\) : AC\(149\)](#)

[The role of diallyl sulfides and dipropyl sulfides in the in vitro antimicrobial activity of the essential oil of garlic, Allium sativum L., and Leek, Allium porrum L.](#)

Pubmed Data : Phytother Res. 2013 Mar ;27(3):380-3. Epub 2012 May 21. PMID: [22610968](#)

Article Published Date : Feb 28, 2013

Authors : Sergio Casella, Michele Leonardi, Bernardo Melai, Filippo Fratini, Luisa Pistelli

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#)

Additional Keywords : [Multi-Drug Resistant Pathogens : CK\(16\) : AC\(15\)](#)

Topic: Brain: Microglial Activation

[Ginger inhibits micoglia cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

Topic: Bromobenzene Toxicity

[Ginger protects against bromobenzene-induced liver toxicity in male rats.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jul;47(7):1584-90. Epub 2009 Apr 23. PMID: [19371770](#)

Article Published Date : Jul 01, 2009

Authors : A S El-Sharaky, A A Newairy, M A Kamel, S M Eweda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bromobenzene Toxicity : CK\(4\) : AC\(2\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

Topic: Cadmium Poisoning

[A spice mixture containing garlic, ginger and nutmeg possesses both therapeutic and prophylactic effect against Cd-induced organ damage.](#)

Pubmed Data : Adv Pharm Bull. 2016 Jun ;6(2):271-4. Epub 2016 Jun 30. PMID: [27478792](#)

Article Published Date : May 31, 2016

Authors : Emmanuel Ike Ugwuja, Omotayo O Erejuwa, Nicholas C Ugwu

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Nutmeg : CK\(28\) : AC\(18\)](#)

Diseases : [Cadmium Poisoning : CK\(131\) : AC\(62\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Topic: [Cancer Metastasis](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

Topic: [Chemical Exposure](#)

[Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zinc : CK\(941\) : AC\(139\)](#)

Diseases : [Chemical Exposure : CK\(67\) : AC\(21\)](#), [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#), [Kidney Damage: Chemically-Induced : CK\(25\) : AC\(13\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Malathion Toxicity : CK\(2\) : AC\(1\)](#), [Zinc Chloride : CK\(2\) : AC\(1\)](#)

Topic: [Chemotherapy-Induced Toxicity: Doxorubicin](#)

[Ginger protects against doxorubicin-induced acute kidney injury.](#)

Pubmed Data : Food Chem Toxicol. 2008 Sep;46(9):3178-81. Epub 2008 Jul 17. PMID: [18680783](#)

Article Published Date : Sep 01, 2008

Authors : T A Ajith, M S Aswathy, U Hema

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Doxorubicin : CK\(132\) : AC\(56\)](#)

Topic: [Cholesterol: LDL/HDL ratio](#)

[Ginger has a protective effect against dyslipidemia in diabetic rats.](#)

Pubmed Data : J Ethnopharmacol. 2005 Feb 28;97(2):227-30. PMID: [15707757](#)

Article Published Date : Feb 28, 2005

Authors : Uma Bhandari, Raman Kanojia, K K Pillai

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: LDL/HDL ratio : CK\(484\) : AC\(61\)](#), [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Colorectal Cancer](#)

[Hexahydrocurcumin has a cytotoxic effect against human colorectal cancer cells.](#)

Pubmed Data : Nat Prod Commun. 2011 Nov ;6(11):1671-2. PMID: [22224285](#)

Article Published Date : Nov 01, 2011

Authors : Chung-Yi Chen, Woei-Ling Yang, Soong-Yu Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colorectal Cancer : CK\(1646\) : AC\(619\)](#)

Pharmacological Actions : [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Anahuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Cytomegalovirus Infections](#)

[Various extracts of ginger inhibit Cytomegalovirus, HSV-1, and HIV virus.](#)

Pubmed Data : Pharmazie. 2006 Aug;61(8):717-21. PMID: [16964717](#)

Article Published Date : Aug 01, 2006

Authors : K Sookkongwaree, M Geitmann, S Roengsumran, A Petsom, U H Danielson

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cytomegalovirus Infections : CK\(99\) : AC\(37\)](#), [HIV Infections : CK\(680\) : AC\(219\)](#), [HSV-1 : CK\(53\) : AC\(44\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Diabetes: Cognitive Dysfunction](#)

[Ginger has a neuroprotective effect in diabetic rats.](#)

Pubmed Data : Food Chem Toxicol. 2010 Dec 22. Epub 2010 Dec 22. PMID: [21184796](#)

Article Published Date : Dec 22, 2010

Authors : Kondeti Ramudu Shanmugam, Korivi Mallikarjuna, Nishanth Kesireddy, Kesireddy Sathyavelu Reddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cognitive Dysfunction : CK\(40\) : AC\(17\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Topic: [Diabetic Glomerular Hypertrophy](#)

[Ameliorative Potentials of Ginger \(*Z. officinale* Roscoe\) on Relative Organ Weights in Streptozotocin induced Diabetic Rats.](#)

Pubmed Data : Int J Biomed Sci. 2013 Jun ;9(2):82-90. PMID: [23847458](#)

Article Published Date : May 31, 2013

Authors : C O Eleazu, M Iroaganachi, P N Okafor, I I Ijeh, K C Eleazu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetic Glomerular Hypertrophy : CK\(2\) : AC\(1\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Topic: [Encephalomyelitis](#)

[ginger extract modulates the expression of the IL-27 and IL-33 in the spinal cord of EAE mice and ameliorates the clinical symptoms of disease.](#)

Pubmed Data : J Neuroimmunol. 2014 Nov 15 ;276(1-2):80-8. Epub 2014 Aug 19. PMID: [25175065](#)

Article Published Date : Nov 14, 2014

Authors : A Jafarzadeh, M Mohammadi-Kordkhayli, R Ahangar-Parvin, V Azizi, H Khoramdel-Azad, A Shamsizadeh, A Ayoobi, M Nemati, Z M Hassan, S M Moazeni, M Khaksari

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Encephalomyelitis : CK\(24\) : AC\(15\)](#), [Multiple Sclerosis : CK\(964\) : AC\(184\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Endocrine Imbalances](#)

[6-Gingerol-rich fraction from Zingiber officinale ameliorates carbendazim-induced endocrine disruption.](#)

Pubmed Data : Andrologia. 2016 Aug 22. Epub 2016 Aug 22. PMID: [27546232](#)

Article Published Date : Aug 21, 2016

Authors : M Salihu, B O Ajayi, I A Adedara, D de Souza, J B T Rocha, E O Farombi

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Endocrine Imbalances : CK\(15\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Endocrine Disrupting Chemicals \(EDCs\) : CK\(48\) : AC\(8\)](#)

Topic: [Esophageal Cancer](#)

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Topic: [Excitotoxicity](#)

[Ginger root extract has a neuroprotective effect against monosodium glutamate-induced toxicity in male rats.](#)

Pubmed Data : Pak J Biol Sci. 2009 Feb 1;12(3):201-12. PMID: [19579948](#)

Article Published Date : Feb 01, 2009

Authors : Abeer M Waggas

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Excitotoxicity : CK\(58\) : AC\(35\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Topic: [Fat Malabsorption](#)

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#)

Diseases : [Fat Malabsorption : CK\(2\) : AC\(1\)](#), [Indigestion: Fats : CK\(2\) : AC\(1\)](#), [Steatorrhea : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase : CK\(12\) : AC\(2\)](#)

Topic: [Gout](#)

[6-Shogaol, a compound found within ginger, exerts a strong anti-inflammatory activity against urate crystal-induced inflammation in mice.](#)

Pubmed Data : Methods Find Exp Clin Pharmacol. 2010 Sep;32(7):467-73. PMID: [19819286](#)

Article Published Date : Sep 01, 2010

Authors : Evan Prince Sabina, Mahaboobkhan Rasool, Lazar Mathew, Panneerselvam Ezilrani, Haridas Indu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gout : CK\(131\) : AC\(29\)](#), [Hyperuricemia : CK\(227\) : AC\(49\)](#)

Topic: [HIV Infections](#)

[Various extracts of ginger inhibit Cytomegalovirus, HSV-1, and HIV virus.](#)

Pubmed Data : Pharmazie. 2006 Aug;61(8):717-21. PMID: [16964717](#)

Article Published Date : Aug 01, 2006

Authors : K Sookkongwaree, M Geitmann, S Roengsumran, A Petsom, U H Danielson

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cytomegalovirus Infections : CK\(99\) : AC\(37\)](#), [HIV Infections : CK\(680\) : AC\(219\)](#), [HSV-1 : CK\(53\) : AC\(44\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [HSV-1](#)

[Various extracts of ginger inhibit Cytomegalovirus, HSV-1, and HIV virus.](#)

Pubmed Data : Pharmazie. 2006 Aug;61(8):717-21. PMID: [16964717](#)

Article Published Date : Aug 01, 2006

Authors : K Sookkongwaree, M Geitmann, S Roengsumran, A Petsom, U H Danielson

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cytomegalovirus Infections : CK\(99\) : AC\(37\)](#), [HIV Infections : CK\(680\) : AC\(219\)](#), [HSV-1 : CK\(53\) : AC\(44\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Helicobacter Pylori Infection](#)

[Ginger has a gastroprotective effect through its acid blocking and anti-Helico bacter pylori activity.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2009 Jul 1. PMID: [19570992](#)

Article Published Date : Jul 01, 2009

Authors : Siddaraju M Nanjundaiah, Harish Nayaka Mysore Annaiah, Shylaja M Dharmesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acid Reflux : CK\(298\) : AC\(43\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#), [Helicobacter Pylori Infection : CK\(506\) : AC\(104\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Proton Pump Inhibitor : CK\(36\) : AC\(13\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Prevacid \(Lansoprazole\) Alternatives : CK\(6\) : AC\(3\)](#)

Topic: [High Fat Diet](#)

[These results demonstrated that sustained activation of the PPAR \$\delta\$ pathway with GE attenuated diet-induced obesity and improved exercise endurance capacity.](#)

Pubmed Data : J Nutr Biochem. 2015 May 28. Epub 2015 May 28. PMID: [26101135](#)

Article Published Date : May 27, 2015

Authors : Koichi Misawa, Kojiro Hashizume, Masaki Yamamoto, Yoshihiko Minegishi, Tadashi Hase, Akira Shimotoyodome

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [High Fat Diet : CK\(212\) : AC\(103\)](#), [Obesity : CK\(3022\) : AC\(467\)](#)

Additional Keywords : [Anti-Obesity Agents : CK\(487\) : AC\(108\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Hyperinsulinism](#)

[Ginger has a beneficial effect on fructose induced hyperlipidemia an dhyperinsulinemia in rats.](#)

Pubmed Data : Indian J Exp Biol. 2005 Dec;43(12):1161-4. PMID: [16359128](#)

Article Published Date : Dec 01, 2005

Authors : Sanjay V Kadnur, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Hyperinsulinism : CK\(251\) : AC\(56\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#), [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Hyperuricemia](#)

[6-Shogaol, a compound found within ginger, exerts a strong anti-inflammatory activity against urate crystal-induced inflammation in mice.](#)

Pubmed Data : Methods Find Exp Clin Pharmacol. 2010 Sep;32(7):467-73. PMID: [19819286](#)

Article Published Date : Sep 01, 2010

Authors : Evan Prince Sabina, Mahaboobkhan Rasool, Lazar Mathew, Panneerselvam Ezilrani, Haridas Indu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gout : CK\(131\) : AC\(29\)](#), [Hyperuricemia : CK\(227\) : AC\(49\)](#)

Topic: Indigestion: Fats

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#)

Diseases : [Fat Malabsorption : CK\(2\) : AC\(1\)](#), [Indigestion: Fats : CK\(2\) : AC\(1\)](#), [Steatorrhea : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase : CK\(12\) : AC\(2\)](#)

Topic: Kidney Damage

[Ginger has a protective effect against kidney damage associated with diabetes.](#)

Pubmed Data : Chin J Physiol. 2011 Apr 30 ;54(2):79-86. PMID: [21789888](#)

Article Published Date : Apr 30, 2011

Authors : Shanmugam Kondeti Ramudu, Mallikarjuna Korivi, Nishanth Kesireddy, Li-Chen Lee, I-Shiung Cheng, Chia-Hua Kuo, Sathyavelu Reddy Kesireddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Kidney Damage : CK\(193\) : AC\(64\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Kidney Damage: Chemically-Induced

[Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zinc : CK\(941\) : AC\(139\)](#)

Diseases : [Chemical Exposure : CK\(67\) : AC\(21\)](#), [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#), [Kidney Damage: Chemically-Induced : CK\(25\) : AC\(13\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Malathion Toxicity : CK\(2\) : AC\(1\)](#), [Zinc Chloride : CK\(2\) : AC\(1\)](#)

Topic: Kidney Failure

[Ginger and arabic gum may have therapeutic value in acute and chronic kidney failure.](#)

Pubmed Data : Ren Fail. 2012 ;34(1):73-82. Epub 2011 Oct 21. PMID: [22017619](#)

Article Published Date : Jan 01, 2012

Authors : Mona Fouad Mahmoud, Abdalla Ahmed Diaai, Fahmy Ahmed

Study Type : Animal Study

Additional Links

Substances : [Arabic gum : CK\(14\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Kidney Failure : CK\(321\) : AC\(45\)](#), [Kidney Failure: Acute : CK\(61\) : AC\(13\)](#), [Kidney Failure: Chronic : CK\(148\) : AC\(21\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Topic: [Kidney Failure: Acute](#)

[Ginger and arabic gum may have therapeutic value in acute and chronic kidney failure.](#)

Pubmed Data : Ren Fail. 2012 ;34(1):73-82. Epub 2011 Oct 21. PMID: [22017619](#)

Article Published Date : Jan 01, 2012

Authors : Mona Fouad Mahmoud, Abdalla Ahmed Diaai, Fahmy Ahmed

Study Type : Animal Study

Additional Links

Substances : [Arabic gum : CK\(14\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Kidney Failure : CK\(321\) : AC\(45\)](#), [Kidney Failure: Acute : CK\(61\) : AC\(13\)](#), [Kidney Failure: Chronic : CK\(148\) : AC\(21\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Topic: [Kidney Failure: Chronic](#)

[Ginger and arabic gum may have therapeutic value in acute and chronic kidney failure.](#)

Pubmed Data : Ren Fail. 2012 ;34(1):73-82. Epub 2011 Oct 21. PMID: [22017619](#)

Article Published Date : Jan 01, 2012

Authors : Mona Fouad Mahmoud, Abdalla Ahmed Diaai, Fahmy Ahmed

Study Type : Animal Study

Additional Links

Substances : [Arabic gum : CK\(14\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Kidney Failure : CK\(321\) : AC\(45\)](#), [Kidney Failure: Acute : CK\(61\) : AC\(13\)](#), [Kidney Failure: Chronic : CK\(148\) : AC\(21\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Topic: [Lipopolysaccharide-Induced Toxicity](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

Topic: [Liver Fibrosis](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Topic: [Liver Stress: Fructose-Induced](#)

[Treatment with ginger ameliorates fructose-induced Fatty liver and hypertriglyceridemia in rats.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:570948. Epub 2012 Nov 6. PMID: [23193424](#)

Article Published Date : Dec 31, 2011

Authors : Huanqing Gao, Tao Guan, Chunli Li, Guowei Zuo, Johji Yamahara, Jianwei Wang, Yuhao Li

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Liver Stress: Fructose-Induced : CK\(25\) : AC\(13\)](#)

Problem Substances : [Fructose : CK\(361\) : AC\(106\)](#)

Topic: [Malabsorption Syndrome](#)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24:1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Malabsorption Syndrome : CK\(54\) : AC\(15\)](#), [Microvilli atrophy : CK\(4\) : AC\(1\)](#)

Additional Keywords : [Nutrient Absorption : CK\(4\) : AC\(2\)](#)

Topic: [Memory Disorders](#)

[Ginger mitigates damage and improves memory impairment in focal cerebral ischemia.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2011;2011:429505. Epub 2010 Dec 20. PMID: [21197427](#)

Article Published Date : Jan 01, 2011

Authors : Jintanaporn Wattanathorn, Jinatta Jittiwat, Terdthai Tongun, Supaporn Muchimapura, Kornkanok Ingkaninan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#), [Memory Disorders : CK\(344\) : AC\(104\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Topic: [Microvilli atrophy](#)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24;1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Malabsorption Syndrome : CK\(54\) : AC\(15\)](#), [Microvilli atrophy : CK\(4\) : AC\(1\)](#)

Additional Keywords : [Nutrient Absorption : CK\(4\) : AC\(2\)](#)

Topic: [Morphine Tolerance/Dependence](#)

[Ginger \(Zingiber officinale Roscoe\) elicits antinociceptive properties and potentiates morphine-induced analgesia in the rat radiant heat tail-flick test.](#)

Pubmed Data : J Med Food. 2010 Dec ;13(6):1397-401. PMID: [21091253](#)

Article Published Date : Nov 30, 2010

Authors : Reza Sepahvand, Saeed Esmaeili-Mahani, Ardeshir Arzi, Bahram Rasouljan, Mehdi Abbasnejad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Morphine Tolerance/Dependence : CK\(75\) : AC\(31\)](#), [Pain : CK\(845\) : AC\(136\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Drug Synergy : CK\(351\) : AC\(156\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Multiple Sclerosis](#)

[ginger extract modulates the expression of the IL-27 and IL-33 in the spinal cord of EAE mice and ameliorates the clinical symptoms of disease.](#)

Pubmed Data : J Neuroimmunol. 2014 Nov 15 ;276(1-2):80-8. Epub 2014 Aug 19. PMID: [25175065](#)

Article Published Date : Nov 14, 2014

Authors : A Jafarzadeh, M Mohammadi-Kordkhayli, R Ahangar-Parvin, V Azizi, H Khoramdel-Azad, A Shamsizadeh, A Ayoobi, M Nemati, Z M Hassan, S M Moazeni, M Khaksari

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Encephalomyelitis : CK\(24\) : AC\(15\)](#), [Multiple Sclerosis : CK\(964\) : AC\(184\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Pain](#)

[Ginger \(Zingiber officinale Roscoe\) elicits antinociceptive properties and potentiates morphine-induced analgesia in the rat radiant heat tail-flick test.](#)

Pubmed Data : J Med Food. 2010 Dec ;13(6):1397-401. PMID: [21091253](#)

Article Published Date : Nov 30, 2010

Authors : Reza Sepahvand, Saeed Esmaeili-Mahani, Ardeshir Arzi, Bahram Rasouljan, Mehdi Abbasnejad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Morphine Tolerance/Dependence : CK\(75\) : AC\(31\)](#), [Pain : CK\(845\) : AC\(136\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Drug Synergy : CK\(351\) : AC\(156\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Pesticide Toxicity](#)

[Dietary ginger has a protective effect on lindane-induced oxidative stress in rats.](#)

Pubmed Data : Altern Med Rev. 2008 Mar;13(1):6-20. PMID: [18389491](#)

Article Published Date : Mar 01, 2008

Authors : Rafat S Ahmed, Sanvidhan G Suke, Vandana Seth, Ayanabha Chakraborti, Ashok K Tripathi, Basu D Banerjee

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Pesticide Toxicity : CK\(192\) : AC\(61\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Chemical: Lindane : CK\(22\) : AC\(7\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Pyelonephritis](#)

[Both in vivo and in vitro results confirm the efficacy of black pepper, ginger and thyme extracts as natural antimicrobials and suggests the possibility of using them in treatment procedures.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2014 Oct-Dec;27(4):531-41. PMID: [25572733](#)

Article Published Date : Sep 30, 2014

Authors : M A Nassan, E H Mohamed

Study Type : Animal Study, In Vitro Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Thyme : CK\(81\) : AC\(40\)](#)

Diseases : [Pyelonephritis : CK\(17\) : AC\(4\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Schistosomiasis](#)

[Ginger has antischistosomal activity effect against Schistosoma mansoni harbored in mice.](#)

Pubmed Data : Zhongguo Zhen Jiu. 2009 Mar;29(3):247-51. PMID: [21327992](#)

Article Published Date : Mar 01, 2009

Authors : Osama M S Mostafa, Refaat A Eid, Mohamed A Adly

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Schistosomiasis : CK\(10\) : AC\(6\)](#)

Topic: [Staphylococcus aureus infection](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola : CK\(13\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Haemophilus influenzae : CK\(44\) : AC\(8\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#), [Streptococcus pyogenes : CK\(29\) : AC\(18\)](#), [Upper Respiratory Infections : CK\(950\) : AC\(114\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Steatorrhea](#)

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#)

Diseases : [Fat Malabsorption : CK\(2\) : AC\(1\)](#), [Indigestion: Fats : CK\(2\) : AC\(1\)](#), [Steatorrhea : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase : CK\(12\) : AC\(2\)](#)

Topic: [Trigeminal Neuralgia](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum](#) : CK(6) : AC(3), [Chinese Skullcap](#) : CK(127) : AC(66), [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184), [Japanese Herbal Formula: Sho-saiko-to](#) : CK(2) : AC(1), [Jujube](#) : CK(12) : AC(2), [Licorice](#) : CK(345) : AC(110), [Peony](#) : CK(50) : AC(14), [Pinellia](#) : CK(2) : AC(1)

Diseases : [Trigeminal Neuralgia](#) : CK(140) : AC(18)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Topic: [Uremia](#)

[Ginger extract markedly decreases Blood Urea Nitrogen \(BUN\) in a mouse model of uremia.](#)

Pubmed Data : Pak J Biol Sci. 2007 Sep 1;10(17):2968-71. PMID: [19090210](#)

Article Published Date : Sep 01, 2007

Authors : Modaresi Mehrdad, Manouchehr Messripour, Mozghan Ghobadipour

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Uremia](#) : CK(93) : AC(21)

Topic: [Advanced Glycation End products \(AGE\)](#)

[Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.](#)

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols](#) : CK(31) : AC(17), [EGCG \(Epigallocatechin gallate\)](#) : CK(1956) : AC(314), [Ginger](#) : CK(696) : AC(184)

Diseases : [Advanced Glycation End products \(AGE\)](#) : CK(231) : AC(73), [Diabetic Complications](#) : CK(1563) : AC(333)

Pharmacological Actions : [Anti-Glycation Agents](#) : CK(46) : AC(19), [Antioxidants](#) : CK(7529) : AC(2682), [Nrf2 activation](#) : CK(177) : AC(86)

Topic: [Advanced Glycation Endproduct \(AGE\) Formation](#)

[These findings showed the potential effects of 6S and 6G on the prevention of protein glycation.](#)

Pubmed Data : Chem Res Toxicol. 2015 Aug 6. Epub 2015 Aug 6. PMID: [26247545](#)

Article Published Date : Aug 05, 2015

Authors : Yingdong Zhu, Yantao Zhao, Pei Wang, Mohamed Ahmedna, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol](#) : CK(38) : AC(26), [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [Advanced Glycation Endproduct \(AGE\) Formation](#) : CK(7) : AC(3), [Diabetic Complications](#) : CK(1563) : AC(333)

Pharmacological Actions : [Anti-Glycation Agents](#) : CK(46) : AC(19)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: [Allergic Airway Diseases](#)

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

Authors : Orapan Poachanukoon, Ladda Meesuk, Napaporn Pattanacharoenchai, Paopanga Monthanapisut, Thaweephol Dechatiwongse Na Ayudhya, Sittichai Koontongkaew

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Allergic Airway Diseases : CK\(69\) : AC\(25\)](#), [Allergies : CK\(703\) : AC\(132\)](#), [Hypersensitivity: Respiratory : CK\(11\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Allergies

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

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Study Type : In Vitro Study

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Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Bacillus Cereus infection

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: Cancers: Drug Resistant

[Ginger has therapeutic properties relevant to cancer treatment.](#)

Pubmed Data : J BUON. 2011 Jul-Sep;16(3):414-24. PMID: [22006742](#)

Article Published Date : Jul 01, 2011

Authors : M M Pereira, R Haniadka, P P Chacko, P L Palatty, M S Baliga

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Cancers: Drug Resistant : CK\(352\) : AC\(223\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Chemotherapeutic Agents : CK\(394\) : AC\(286\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

[Topic: Cardiovascular Diseases](#)

[This paper focuses on discussing the importance of selected spices in the prevention and treatment of cardiovascular diseases.](#)

Pubmed Data : Postepy Hig Med Dosw (Online). 2016 Nov 14 ;70(0):1131-1141. Epub 2016 Nov 14. PMID: [27892897](#)

Article Published Date : Nov 13, 2016

Authors : Bartosz Kulczyński, Anna Gramza-Michałowska

Study Type : Review

Additional Links

Substances : [Cilantro : CK\(4\) : AC\(3\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Cardiovascular Diseases : CK\(7342\) : AC\(916\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

[Topic: Central Nervous System Diseases](#)

[6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Central Nervous System Diseases : CK\(6\) : AC\(6\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Paradols : CK\(1\) : AC\(1\)](#)

[Topic: Cholesterol: Oxidation](#)

[Ginger extracts, including the water extract possess the antioxidant activities to inhibit human LDL oxidation in vitro.](#)

Pubmed Data : J Med Food. 2014 Apr ;17(4):424-31. Epub 2014 Jan 9. PMID: [24404979](#)

Article Published Date : Mar 31, 2014

Authors : K D Prasanna P Gunathilake, H P Vasantha Rupasinghe

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: Oxidation : CK\(518\) : AC\(117\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Chronic Disease](#)

[The use of ginger and especially gingerols as medicinal food derivative appears to be safe in treating or preventing chronic diseases.](#)

Pubmed Data : Adv Exp Med Biol. 2016 ;929:177-207. PMID: [27771925](#)

Article Published Date : Dec 31, 2015

Authors : Yasmin Anum Mohd Yusof

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Chronic Disease : CK\(84\) : AC\(10\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Topic: [Colic](#)

[Ginger is useful in gastrointestinal disorders due to its spasmolytic activity.](#)

Pubmed Data : Dig Dis Sci. 2005 Oct;50(10):1889-97. PMID: [16187193](#)

Article Published Date : Oct 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colic : CK\(135\) : AC\(18\)](#), [Diarrhea : CK\(612\) : AC\(83\)](#), [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Antispasmodic : CK\(132\) : AC\(32\)](#)

Topic: [Diarrhea](#)

[Ginger is useful in gastrointestinal disorders due to its spasmolytic activity.](#)

Pubmed Data : Dig Dis Sci. 2005 Oct;50(10):1889-97. PMID: [16187193](#)

Article Published Date : Oct 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colic : CK\(135\) : AC\(18\)](#), [Diarrhea : CK\(612\) : AC\(83\)](#), [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Antispasmodic : CK\(132\) : AC\(32\)](#)

Topic: [Enterococcus Infections](#)

[These spices could be as potential antimicrobial agents for inclusion in the anti-enterococcal treatment regimen.](#)

Pubmed Data : Arch Med Sci. 2015 Aug 12 ;11(4):863-8. Epub 2015 Aug 11. PMID: [26322099](#)

Article Published Date : Aug 11, 2015

Authors : Sharma Revati, Chapagain Bipin, Pai Bhat Chitra, Bhattacharjee Minakshi

Study Type : In Vitro Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Enterococcus Infections : CK\(16\) : AC\(12\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Antibiotic Resistance : CK\(56\) : AC\(7\)](#)

Topic: [Epstein-Barr Virus Infections](#)

[Zingiberaceae species \(e.g. ginger\) contain compounds that inhibit Epstein-Barr virus activation.](#)

Pubmed Data : Br J Cancer. 1999 Apr;80(1-2):110-6. PMID: [10389986](#)

Article Published Date : Apr 01, 1999

Authors : S Vimala, A W Norhanom, M Yadav

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Epstein-Barr Virus Infections : CK\(132\) : AC\(47\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Topic: [Escherichia coli Infections](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Fatty Liver](#)

[Ginger has potential efficacy for nonalcoholic fatty liver disease.](#)

Pubmed Data : Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Sep;108(3):394-8. PMID: [21246004](#)

Article Published Date : Sep 01, 2009

Authors : Amirhossein Sahebkar

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [Fatty Liver : CK\(887\) : AC\(204\)](#)

Topic: [Foodborne Pathogens: Prevention/Food Preservation](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Gastrointestinal Cancer](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Glioblastoma](#)

[Gingerol is a sensitizing agent which induces cell death of TRAIL resistant glioblastoma cells.](#)

Pubmed Data : Toxicol Appl Pharmacol. 2014 Sep 15 ;279(3):253-65. Epub 2014 Jul 14. PMID: [25034532](#)

Article Published Date : Sep 14, 2014

Authors : Dae-Hee Lee, Dong-Wook Kim, Chang-Hwa Jung, Yong J Lee, Daeho Park

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Glioblastoma : CK\(200\) : AC\(88\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [TRAIL sensitizer : CK\(3\) : AC\(2\)](#)

Additional Keywords : [Apoptosis Regulatory Proteins : CK\(1\) : AC\(1\)](#)

Topic: [Haemophilus influenzae](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola : CK\(13\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Haemophilus influenzae : CK\(44\) : AC\(8\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#), [Streptococcus pyogenes : CK\(29\) : AC\(18\)](#), [Upper Respiratory Infections : CK\(950\) : AC\(114\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Hydatidosis](#)

[Ginger has an important anti-hydatic effect in vitro.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):749-56. Epub 2016 Jun 29. PMID: [27569883](#)

Article Published Date : Jul 31, 2016

Authors : Manel Amri, Chafia Touil-Boukoffa

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Hydatidosis : CK\(1\) : AC\(1\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Topic: [Hypersensitivity: Respiratory](#)

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

Authors : Orapan Poachanukoon, Ladda Meesuk, Napaporn Pattanacharoenchai, Paopanga Monthanapisut, Thaweephol Dechatiwongse Na Ayudhya, Sittichai Koontongkaew

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Allergic Airway Diseases : CK\(69\) : AC\(25\)](#), [Allergies : CK\(703\) : AC\(132\)](#), [Hypersensitivity: Respiratory : CK\(11\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Infection: Antibiotic Resistant](#)

[Antibacterial effect of Allium sativum cloves and Zingiber officinale rhizomes against multiple-drug resistant clinical pathogens.](#)

Pubmed Data : Asian Pac J Trop Biomed. 2012 Aug ;2(8):597-601. PMID: [23569978](#)

Article Published Date : Jul 31, 2012

Authors : Ponmurugan Karuppiah, Shyamkumar Rajaram

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#), [Infection: Antibiotic Resistant : CK\(411\) : AC\(149\)](#)

Topic: [Listeria Infections](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Liver Cancer](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Liver Disease: Oxidative Stress](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#),

[Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

[Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Topic: [Lymphoma: Dalton's](#)

[Z. officinale paste could be used as natural spice and a potent antitumour agent.](#)

Pubmed Data : Appl Biochem Biotechnol. 2016 Jul 19. Epub 2016 Aug 19. PMID: [27435276](#)

Article Published Date : Jul 18, 2016

Authors : Sundararaj Rubila, Thottiam Vasudevan Ranganathan, Kunnathur Murugesan Sakthivel

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lymphoma: Dalton's : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Topic: [Malignant Melanoma](#)

[Curcuma rhizome, a main representant of Zingiberaceae family may be a promising natural source for active compounds against malignant melanoma.](#)

Pubmed Data : Biol Res. 2015 Jan 12 ;48(1):1. Epub 2015 Jan 12. PMID: [25654588](#)

Article Published Date : Jan 11, 2015

Authors : Corina Danciu, Lavinia Vlaia, Florinela Fetea, Monica Hancianu, Dorina E Coricovac, Sorina A Ciurlea, Codruța M Șoica, Iosif Marincu, Vicentiu Vlaia, Cristina A Dehelean, Cristina Trandafirescu

Study Type : In Vitro Study

Additional Links

Substances : [Curcuma Longa : CK\(5\) : AC\(4\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Polyphenols : CK\(931\) : AC\(335\)](#)

Diseases : [Malignant Melanoma : CK\(34\) : AC\(16\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Melanoma](#)

[A compound found within ginger inhibits melanoma cells.](#)

Pubmed Data : Biosci Biotechnol Biochem. 2011 ;75(6):1067-72. Epub 2011 Jun 13. PMID: [21670536](#)

Article Published Date : Jan 01, 2011

Authors : Huey-Chun Huang, Shao-Hua Chiu, Tsong-Min Chang

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Melanoma : CK\(285\) : AC\(149\)](#)

Topic: [Micrococcus luteus infections](#)

Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: Parasitic Intestinal Diseases

Ginger and garlic treatment significantly lowered the number of the blastocystis hominis parasites.

Pubmed Data : J Egypt Soc Parasitol. 2015 Apr ;45(1):93-100. PMID: [26012223](#)

Article Published Date : Mar 31, 2015

Authors : Ekhlash H Abdel-Hafeez, Azza K Ahmad, Noha H Andelgelil, Manal Z M Abdellatif, Amany M Kamal, Rabie M Mohamed

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Parasitic Intestinal Diseases : CK\(17\) : AC\(7\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Topic: Rhabdomyosarcoma

Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: Rhinovirus Infection

[Ginger contains compounds which inhibit rhinoviral activity.](#)

Pubmed Data : Brain Res. 2004 Sep 10;1020(1-2):1-11. PMID: [8064299](#)

Article Published Date : Sep 10, 2004

Authors : C V Denyer, P Jackson, D M Loakes, M R Ellis, D A Young

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Rhinovirus Infection : CK\(39\) : AC\(20\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Topic: [Salmonella Infections](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Skin Cancer: Squamous Cell](#)

[A compound from ginger, 6\]-gingerol, may be an effective agent in the treatment of skin cancer.](#)

Pubmed Data : Chem Biol Interact. 2009 Sep 14;181(1):77-84. Epub 2009 May 27. PMID: [19481070](#)

Article Published Date : Sep 14, 2009

Authors : Nidhi Nigam, Kulpreet Bhui, Sahdeo Prasad, Jasmine George, Yogeshwer Shukla

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Skin Cancer: Squamous Cell : CK\(56\) : AC\(20\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

Topic: [Streptococcus pyogenes](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola](#) : CK(13) : AC(3), [Ginger](#) : CK(696) : AC(184)
Diseases : [Haemophilus influenzae](#) : CK(44) : AC(8), [Staphylococcus aureus infection](#) : CK(152) : AC(108), [Streptococcus pyogenes](#) : CK(29) : AC(18), [Upper Respiratory Infections](#) : CK(950) : AC(114)
Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1367) : AC(475)
Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: [Thrombosis](#)

[Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and may be useful as natural antithrombotic agents.](#)

Pubmed Data : Biomed Biochim Acta. 1984;43(8-9):S335-46. PMID: [6440548](#)

Article Published Date : Jan 01, 1984

Authors : K C Srivastava

Study Type : In Vitro Study

Additional Links

Substances : [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Onion](#) : CK(235) : AC(57)

Diseases : [Thrombosis](#) : CK(316) : AC(81)

Pharmacological Actions : [Anti-Platelet](#) : CK(125) : AC(38), [Anti-thrombotic](#) : CK(56) : AC(24)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: [Toxoplasma gondii Infection](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\)](#) : CK(4) : AC(3), [Ginger](#) : CK(696) : AC(184), [Juniper](#) : CK(16) : AC(13), [Myrrh](#) : CK(47) : AC(18), [Sophora Flavescens](#) : CK(39) : AC(14), [Tongkat Ali](#) : CK(7) : AC(5), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Toxoplasma gondii Infection](#) : CK(258) : AC(44)

Pharmacological Actions : [Antiparasitic Agents](#) : CK(68) : AC(40)

Topic: [Tumors](#)

[Zingiber zerumbet \(a member of the ginger family\) contains compounds that inhibit histone deacetylase and exhibited growth inhibitory activity on various human tumor cell lines.](#)

Pubmed Data : Pharmazie. 2008 Oct;63(10):774-6. PMID: [18972844](#)

Article Published Date : Oct 01, 2008

Authors : Ill-Min Chung, Min-Young Kim, Won-Hwan Park, Hyung-In Moon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Tumors](#) : CK(203) : AC(119)

Pharmacological Actions : [Antiproliferative](#) : CK(2546) : AC(1685), [Histone deacetylase inhibitor](#) : CK(48) : AC(37)

Topic: [Upper Respiratory Infections](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola](#) : CK(13) : AC(3), [Ginger](#) : CK(696) : AC(184)

Diseases : [Haemophilus influenzae](#) : CK(44) : AC(8), [Staphylococcus aureus infection](#) : CK(152) : AC(108), [Streptococcus pyogenes](#) : CK(29) : AC(18), [Upper Respiratory Infections](#) : CK(950) : AC(114)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1367) : AC(475)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Category: Pharmacological Actions

Topic: [Analgesics](#)

[Collectively these RCTs provide suggestive evidence for the effectiveness of 750-2000 mg ginger powder during the first 3-4 days of menstrual cycle for primary dysmenorrhea.](#)

Pubmed Data : Pain Med. 2015 Jul 14. Epub 2015 Jul 14. PMID: [26177393](#)

Article Published Date : Jul 13, 2015

Authors : James W Daily, Xin Zhang, Da Sol Kim, Sunmin Park

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Dysmenorrhea](#) : CK(445) : AC(45)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Additional Keywords : [Significant Treatment Outcome](#) : CK(3038) : AC(366)

[Zingiberaceae extracts are clinically effective hypoalgesic agents and the available data show a better safety profile than non steroidal anti inflammatory drugs.](#)

Pubmed Data : Nutr J. 2015 ;14:50. Epub 2015 May 14. PMID: [25972154](#)

Article Published Date : Dec 31, 2014

Authors : Shaheen E Lakhan, Christopher T Ford, Deborah Tepper

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Chronic Pain](#) : CK(206) : AC(33)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Additional Keywords : [Natural Substances Versus Drugs](#) : CK(1698) : AC(302), [Superiority of Natural Substances versus Drugs](#) : CK(1316) : AC(251)

Problem Substances : [Non-Steroidal Anti-Inflammatory Drugs \(NSAIDs\)](#) : CK(1905) : AC(215)

[Ginger and cinnamon intake have positive effects on inflammation and muscle soreness ended by exercise in Iranian female athletes.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S11-5. PMID: [23717759](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Awat Feizi, Mitra Hariri, Leila Darvishi, Azam Barani, Maryam Taghiyar, Afshin Shiranian, Maryam Hajishafiee

Study Type : Human Study

Additional Links

Substances : [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184)

Diseases : [Inflammation](#) : CK(3240) : AC(882), [Muscle Soreness: Exercise-Induced](#) : CK(164) : AC(18)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

[Treatment of primary dysmenorrhea in students with ginger for 5 days had a statistically significant effect on relieving intensity and duration of pain.](#)

Pubmed Data : BMC Complement Altern Med. 2012 ;12:92. Epub 2012 Jul 10. PMID: [22781186](#)

Article Published Date : Dec 31, 2011

Authors : Parvin Rahnama, Ali Montazeri, Hassan Fallah Huseini, Saeed Kianbakht, Mohsen Naseri

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Two grams of ginger may have anti-inflammation and analgesic effect on delayed onset muscle soreness.](#)

Pubmed Data : Med J Islam Repub Iran. 2015 ;29:261. Epub 2015 Sep 12. PMID: [26793652](#)

Article Published Date : Dec 31, 2014

Authors : Khadijeh Hoseinzadeh, Farhad Daryanoosh, Parvin Javad Baghdasar, Hamid Alizadeh

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger \(Zingiber officinale Roscoe\) elicits antinociceptive properties and potentiates morphine-induced analgesia in the rat radiant heat tail-flick test.](#)

Pubmed Data : J Med Food. 2010 Dec ;13(6):1397-401. PMID: [21091253](#)

Article Published Date : Nov 30, 2010

Authors : Reza Sepahvand, Saeed Esmaeili-Mahani, Ardeshir Arzi, Bahram Rasouljan, Mehdi Abbasnejad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Morphine Tolerance/Dependence : CK\(75\) : AC\(31\)](#), [Pain : CK\(845\) : AC\(136\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Drug Synergy : CK\(351\) : AC\(156\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum : CK\(6\) : AC\(3\)](#), [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Japanese Herbal Formula: Sho-saiko-to : CK\(2\) : AC\(1\)](#), [Jujube : CK\(12\) : AC\(2\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Peony : CK\(50\) : AC\(14\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Trigeminal Neuralgia : CK\(140\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Topic: Anti-Inflammatory Agents

Ginger and cinnamon intake have positive effects on inflammation and muscle soreness endured by exercise in Iranian female athletes.

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S11-5. PMID: [23717759](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghasvand, Gholamreza Askari, Awat Feizi, Mitra Hariri, Leila Darvishi, Azam Barani, Maryam Taghiyar, Afshin Shiranian, Maryam Hajishafiee

Study Type : Human Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Muscle Soreness: Exercise-Induced : CK\(164\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

Ginger powder supplementation can reduce inflammatory markers in patients with knee osteoarthritis.

Pubmed Data : J Tradit Complement Med. 2016 Jul ;6(3):199-203. Epub 2015 Jan 28. PMID: [27419081](#)

Article Published Date : Jun 30, 2016

Authors : Zahra Naderi, Hassan Mozaffari-Khosravi, Ali Dehghan, Azadeh Nadjarzadeh, Hassan Fallah Huseini

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein : CK\(1852\) : AC\(174\)](#), [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Ginger supplementation with antitubercular treatment significantly lowered TNF alpha, ferritin and MDA concentrations.

Pubmed Data : J Complement Integr Med. 2016 Jun 1 ;13(2):201-6. PMID: [27089418](#)

Article Published Date : May 31, 2016

Authors : Rashmi Anant Kulkarni, Ajit Ramesh Deshpande

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tuberculosis : CK\(312\) : AC\(54\)](#)

Therapeutic Actions : [Integrative Medicine : CK\(312\) : AC\(45\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Two grams of ginger may have anti-inflammation and analgesic effect on delayed onset muscle soreness.

Pubmed Data : Med J Islam Repub Iran. 2015 ;29:261. Epub 2015 Sep 12. PMID: [26793652](#)

Article Published Date : Dec 31, 2014

Authors : Khadijeh Hoseinzadeh, Farhad Daryanoosh, Parvin Javad Baghdasar, Hamid Alizadeh

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

"Ginger extract (Zingiber officinale) has anti-cancer and anti-inflammatory effects on ethionine-

[induced hepatoma rats."](#)

Pubmed Data : Clinics (Sao Paulo). 2008 Dec ;63(6):807-13. PMID: [19061005](#)

Article Published Date : Dec 01, 2008

Authors : Shafina Hanim Mohd Habib, Suzana Makpol, Noor Aini Abdul Hamid, Srijit Das, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-gingerol may be useful in the prevention and treatment of alzheimer's disease.](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A combination of ginger and peony root may prevent memory impairment in AD by inhibiting A \$\beta\$ accumulation and inflammation in the brain.](#)

Pubmed Data : J Alzheimers Dis. 2015 Nov 30. Epub 2015 Nov 30. PMID: [26639976](#)

Article Published Date : Nov 29, 2015

Authors : Soonmin Lim, Jin Gyu Choi, Minho Moon, Hyo Geun Kim, Wonil Lee, Hyoung-Rok Bak, Hachang Sung, Chi Hye Park, Sun Yeou Kim, Myung Sook Oh

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Peony : CK\(50\) : AC\(14\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.](#)

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Interleukin-10 downregulation : CK\(128\) : AC\(45\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-Gingerol, a compound found within ginger, inhibits inflammation.](#)

Pubmed Data : Biochem Biophys Res Commun. 2009 Apr 24;382(1):134-9. Epub 2009 Mar 4. PMID: [19268427](#)

Article Published Date : Apr 24, 2009

Authors : Tzung-Yan Lee, Ko-Chen Lee, Shih-Yuan Chen, Hen-Hong Chang

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Central Nervous System Diseases : CK\(6\) : AC\(6\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Paradols : CK\(1\) : AC\(1\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

Authors : Orapan Poachanukoon, Ladda Meesuk, Napaporn Pattanacharoenchai, Paopanga Monthanapisut, Thaweephol Dechatiwongse Na Ayudhya, Sittichai Koontongkaew

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Allergic Airway Diseases : CK\(69\) : AC\(25\)](#), [Allergies : CK\(703\) : AC\(132\)](#), [Hypersensitivity: Respiratory : CK\(11\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Analhuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[The use of ginger and especially gingerols as medicinal food derivative appears to be safe in treating or preventing chronic diseases.](#)

Pubmed Data : Adv Exp Med Biol. 2016 ;929:177-207. PMID: [27771925](#)

Article Published Date : Dec 31, 2015

Authors : Yasmin Anum Mohd Yusof

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Chronic Disease : CK\(84\) : AC\(10\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

[This review indicates that ginger possesses multiple properties that could be beneficial in reducing chemotherapy induced nausea and vomiting](#)

Pubmed Data : Crit Rev Food Sci Nutr. 2015 Apr 7:0. Epub 2015 Apr 7. PMID: [25848702](#)

Article Published Date : Apr 06, 2015

Authors : Wolfgang Marx, Karin Ried, Alexandra L McCarthy, Luis Vitetta, Avni Sali, Daniel McKavanagh, Elisabeth Isenring

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Z. officinale paste could be used as natural spice and a potent antitumour agent.](#)

Pubmed Data : Appl Biochem Biotechnol. 2016 Jul 19. Epub 2016 Aug 19. PMID: [27435276](#)

Article Published Date : Jul 18, 2016

Authors : Sundararaj Rubila, Thottiam Vasudevan Ranganathan, Kunnathur Murugesan Sakthivel

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lymphoma: Dalton's : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Topic: [Antioxidants](#)

[Ginger supplementation with antitubercular treatment significantly lowered TNF alpha, ferritin and MDA concentrations.](#)

Pubmed Data : J Complement Integr Med. 2016 Jun 1 ;13(2):201-6. PMID: [27089418](#)

Article Published Date : May 31, 2016

Authors : Rashmi Anant Kulkarni, Ajit Ramesh Deshpande

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tuberculosis : CK\(312\) : AC\(54\)](#)

Therapeutic Actions : [Integrative Medicine : CK\(312\) : AC\(45\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[6-gingerol may be useful in the prevention and treatment of alzheimer's disease.](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-Gingerol-rich fraction from Zingiber officinale ameliorates carbendazim-induced endocrine disruption.](#)

Pubmed Data : Andrologia. 2016 Aug 22. Epub 2016 Aug 22. PMID: [27546232](#)

Article Published Date : Aug 21, 2016

Authors : M Salihi, B O Ajayi, I A Adedara, D de Souza, J B T Rocha, E O Farombi

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Endocrine Imbalances : CK\(15\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Endocrine Disrupting Chemicals \(EDCs\) : CK\(48\) : AC\(8\)](#)

[Combined ginger and cinnamon have significant beneficial effects on the sperm viability,](#)

[motility, and serum total testosterone, LH,FSH and serum anti-oxidants level](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2014 ;11(4):1-8. Epub 2014 Jun 4. PMID: [25392573](#)

Article Published Date : Dec 31, 2013

Authors : Arash Khaki, Amir Afshin Khaki, Laleh Hajhosseini, Farhad Sadeghpour Golzar, Nava Ainehchi

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Spermatogenic : CK\(12\) : AC\(2\)](#)

[Dietary ginger has a protective effect on lindane-induced oxidative stress in rats.](#)

Pubmed Data : Altern Med Rev. 2008 Mar;13(1):6-20. PMID: [18389491](#)

Article Published Date : Mar 01, 2008

Authors : Rafat S Ahmed, Sanvidhan G Suke, Vandana Seth, Ayanabha Chakraborti, Ashok K Tripathi, Basu D Banerjee

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Pesticide Toxicity : CK\(192\) : AC\(61\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Chemical: Lindane : CK\(22\) : AC\(7\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Ginger and cinnamon extracts had potential therapeutic effects on G. lamblia infection in albino rats as a promising alternative therapy to the commonly used anti giardial drugs.](#)

Pubmed Data : Iran J Parasitol. 2014 Oct-Dec;9(4):530-40. PMID: [25759734](#)

Article Published Date : Sep 30, 2014

Authors : Abeer Mahmoud, Rasha Attia, Safaa Said, Zedan Ibraheim

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antigiardial agents : CK\(4\) : AC\(2\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(24\) : AC\(4\)](#)

[Ginger exhibits behavioral radioprotection against radiation-induced taste aversion.](#)

Pubmed Data : Pharmacol Biochem Behav. 2006 Jun;84(2):179-88. Epub 2006 Jun 21. PMID: [16797061](#)

Article Published Date : Jun 01, 2006

Authors : Anupum Haksar, Ashok Sharma, Raman Chawla, Raj Kumar, Rajesh Arora, Surender Singh, J Prasad, M Gupta, R P Tripathi, M P Arora, F Islam, R K Sharma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract has an ameliorative effect on paraben-induced lipid peroxidation in the liver of mice.](#)

Pubmed Data : Acta Pol Pharm. 2009 May-Jun;66(3):225-8. PMID: [19645321](#)

Article Published Date : May 01, 2009

Authors : Veena M Asnani, Ramtej J Verma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger protects mice against radiation-induced lethality.](#)

Pubmed Data : Cancer Biother Radiopharm. 2004 Aug;19(4):422-35. PMID: [15453957](#)

Article Published Date : Aug 01, 2004

Authors : Ganesh Jagetia, Manjeshwar Baliga, Ponemone Venkatesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Turmeric and ginger were effective in eliminating arsenic from the body but could protect from possible damage caused by arsenic exposure.](#)

Pubmed Data : J Ethnopharmacol. 2016 Aug 2. Epub 2016 Aug 2. PMID: [27496583](#)

Article Published Date : Aug 01, 2016

Authors : Suman Biswas, Chinmoy Maji, Prasanta Kumar Sarkar, Samar Sarkar, Abichal Chattopadhyay, Tapan Kumar Mandal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Cytoprotective : CK\(190\) : AC\(94\)](#), [Detoxifier : CK\(408\) : AC\(131\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress :](#)

[CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#),

[Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

[Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.](#)

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols : CK\(31\) : AC\(17\)](#), [EGCG \(Epigallocatechin gallate\) : CK\(1956\) : AC\(314\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Advanced Glycation End products \(AGE\) : CK\(231\) : AC\(73\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Nrf2 activation : CK\(177\) : AC\(86\)](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Ginger contains the compound zerumbone, which may have chemopreventive activity through activating phase II drug metabolizing enzymes.](#)

Pubmed Data : FEBS Lett. 2004 Aug 13;572(1-3):245-50. PMID: [15304356](#)

Article Published Date : Aug 13, 2004

Authors : Yoshimasa Nakamura, Chiho Yoshida, Akira Murakami, Hajime Ohigashi, Toshihiko Osawa, Koji Uchida

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Phase II Detoxification Enzyme Inducer : CK\(78\) : AC\(40\)](#)

[Ginger extracts, including the water extract possess the antioxidant activities to inhibit human LDL oxidation in vitro.](#)

Pubmed Data : J Med Food. 2014 Apr ;17(4):424-31. Epub 2014 Jan 9. PMID: [24404979](#)

Article Published Date : Mar 31, 2014

Authors : K D Prasanna P Gunathilake, H P Vasanth Rupasinghe

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: Oxidation : CK\(518\) : AC\(117\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger significantly reduces paraben induced lipid peroxidation in liver and kidney cells.](#)

Pubmed Data : Acta Pol Pharm. 2007 Jan-Feb;64(1):35-7. PMID: [17665848](#)

Article Published Date : Jan 01, 2007

Authors : Veena Asnani, Ramtej Jayram Verma

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The use of ginger and especially gingerols as medicinal food derivative appears to be safe in treating or preventing chronic diseases.](#)

Pubmed Data : Adv Exp Med Biol. 2016 ;929:177-207. PMID: [27771925](#)

Article Published Date : Dec 31, 2015

Authors : Yasmin Anum Mohd Yusof

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Chronic Disease : CK\(84\) : AC\(10\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

[Z. officinale paste could be used as natural spice and a potent antitumour agent.](#)

Pubmed Data : Appl Biochem Biotechnol. 2016 Jul 19. Epub 2016 Aug 19. PMID: [27435276](#)

Article Published Date : Jul 18, 2016

Authors : Sundararaj Rubila, Thottiam Vasudevan Ranganathan, Kunnathur Murugesan Sakthivel

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lymphoma: Dalton's : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Topic: [Hypoglycemic Agents](#)

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebeh Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus:](#)

[Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#),

[Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[The effect of ginger powder supplementation on insulin resistance and glycemic indices in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial.](#)

Pubmed Data : Complement Ther Med. 2014 Feb ;22(1):9-16. Epub 2014 Jan 8. PMID: [24559810](#)

Article Published Date : Jan 31, 2014

Authors : Hassan Mozaffari-Khosravi, Behrouz Talaei, Beman-Ali Jalali, Azadeh Najarzadeh, Mohammad Reza Mozayan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

[Anti-diabetic activity of Zingiber officinale in streptozotocin-induced type I diabetic rats.](#)

Pubmed Data : J Pharm Pharmacol. 2004 Jan ;56(1):101-5. PMID: [14980006](#)

Article Published Date : Dec 31, 2003

Authors : Sanjay P Akhane, Santosh L Vishwakarma, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

Problem Substances : [Insulin : CK\(149\) : AC\(23\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Ginger has anti-diabetic and lipid lowering properties in an animal model of type 1 diabetes.](#)

Pubmed Data : Br J Nutr. 2006 Oct;96(4):660-6. PMID: [17010224](#)

Article Published Date : Oct 01, 2006

Authors : Zainab M Al-Amin, Martha Thomson, Khaled K Al-Qattan, Riitta Peltonen-Shalaby, Muslim Ali

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Green tea and ginger extracts have a significant hypoglycemic effect in diabetic rabbits.](#)

Pubmed Data : Acta Pol Pharm. 2015 May-Jun;72(3):497-506. PMID: [26642658](#)

Article Published Date : Apr 30, 2015

Authors : Ahmed Elkirdasy, Saad Shousha, Abdulmohsen H Alrohaimi, M Faiz Arshad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Green Tea : CK\(1976\) : AC\(562\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Insulin Sensitizers](#)

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebah Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[Ginger has a beneficial effect on type 2 diabetics.](#)

Pubmed Data : Int J Food Sci Nutr. 2013 Mar 18. Epub 2013 Mar 18. PMID: [23496212](#)

Article Published Date : Mar 17, 2013

Authors : Sepide Mahluji, Vahide Ebrahimzade Attari, Majid Mobasseri, Laleh Payahoo, Alireza Ostadrahimi, Samad Ej Golzari

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[\[6\]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice."](#)

Pubmed Data : Toxicol Lett. 2012 Jan 10 ;210(1):34-43. Epub 2012 Jan 10. PMID: [22285432](#)

Article Published Date : Jan 10, 2012

Authors : Debrup Chakraborty, Avinaba Mukherjee, Sourav Sikdar, Avijit Paul, Samrat Ghosh, Anisur Rahman Khuda-Bukhsh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Ginger has a beneficial effect on insulin resistance associated with fructose consumption.](#)

Pubmed Data : Planta Med. 2012 Jan 10. Epub 2012 Jan 10. PMID: [22234408](#)

Article Published Date : Jan 10, 2012

Authors : Chia Ju Chang, Thing-Fong Tzeng, Yuan-Shiun Chang, I-Min Liu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Problem Substances : [Fructose : CK\(361\) : AC\(106\)](#)

Topic: Apoptotic

[Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

[Ginger has significant anti-breast cancer properties.](#)

Pubmed Data : J Biomed Biotechnol. 2012 ;2012:614356. Epub 2012 Aug 26. PMID: [22969274](#)

Article Published Date : Dec 31, 2011

Authors : Ayman I Elkady, Osama A Abuzinadah, Nabih A Baeshen, Tarek R Rahmy

Study Type : Insect Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bax/Bcl2 Ratio: Decrease : CK\(15\) : AC\(9\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#)

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[Whole ginger extract reduces prostate tumor size by 56% in mice.](#)

Pubmed Data : Br J Nutr. 2011 Aug 18:1-12. Epub 2011 Aug 18. PMID: [21849094](#)

Article Published Date : Aug 18, 2011

Authors : Prasanthi Karna, Sharmeen Chagani, Sushma R Gundala, Padmashree C G Rida, Ghazia Asif, Vibhuti Sharma, Meenakshi V Gupta, Ritu Aneja

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[6-Dehydrogingerdione, an active constituent of dietary ginger, induces cell cycle arrest and programmed cell death in human breast cancer cells.](#)

Pubmed Data : Mol Nutr Food Res. 2010 Feb 19. Epub 2010 Feb 19. PMID: [20175081](#)

Article Published Date : Feb 19, 2010

Authors : Ya-Ling Hsu, Chung-Yi Chen, Ming-Feng Hou, Eing-Mei Tsai, Yuh-Jyh Jong, Chih-Hsing Hung, Po-Lin Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[A compound from ginger, 6\]-gingerol, may be an effective agent in the treatment of skin cancer.](#)

Pubmed Data : Chem Biol Interact. 2009 Sep 14;181(1):77-84. Epub 2009 May 27. PMID: [19481070](#)

Article Published Date : Sep 14, 2009

Authors : Nidhi Nigam, Kulpreet Bhui, Sahdeo Prasad, Jasmine George, Yogeshwer Shukla

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Skin Cancer: Squamous Cell : CK\(56\) : AC\(20\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Alzheimer's disease drug discovery from herbs: neuroprotectivity from beta-amyloid \(1-42\) insult.](#)

Pubmed Data : J Altern Complement Med. 2007 Apr ;13(3):333-40. PMID: [17480132](#)

Article Published Date : Mar 31, 2007

Authors : Darrick S H L Kim, Jin-Yung Kim, Ye Sun Han

Study Type : In Vitro Study

Additional Links

Substances : [Chinese Skullcap](#) : CK(127) : AC(66), [Ginger](#) : CK(696) : AC(184), [Ginkgo biloba](#) : CK(798) : AC(162)

Pharmacological Actions : [Apoptotic](#) : CK(2958) : AC(2075), [Neuroprotective Agents](#) : CK(2360) : AC(1099)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[Curcuma rhizome, a main representant of Zingiberaceae family may be a promising natural source for active compounds against malignant melanoma.](#)

Pubmed Data : Biol Res. 2015 Jan 12 ;48(1):1. Epub 2015 Jan 12. PMID: [25654588](#)

Article Published Date : Jan 11, 2015

Authors : Corina Danciu, Lavinia Vlaia, Florinela Fetea, Monica Hancianu, Dorina E Coricovac, Sorina A Ciurlea, Codruța M Șoica, Iosif Marincu, Vicentiu Vlaia, Cristina A Dehelean, Cristina Trandafirescu

Study Type : In Vitro Study

Additional Links

Substances : [Curcuma Longa](#) : CK(5) : AC(4), [Ginger](#) : CK(696) : AC(184), [Polyphenols](#) : CK(931) : AC(335)

Diseases : [Malignant Melanoma](#) : CK(34) : AC(16)

Pharmacological Actions : [Antiproliferative](#) : CK(2546) : AC(1685), [Apoptotic](#) : CK(2958) : AC(2075)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[Gingerol is a sensitizing agent which induces cell death of TRAIL resistant glioblastoma cells.](#)

Pubmed Data : Toxicol Appl Pharmacol. 2014 Sep 15 ;279(3):253-65. Epub 2014 Jul 14. PMID: [25034532](#)

Article Published Date : Sep 14, 2014

Authors : Dae-Hee Lee, Dong-Wook Kim, Chang-Hwa Jung, Yong J Lee, Daeho Park

Study Type : In Vitro Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [Glioblastoma](#) : CK(200) : AC(88)

Pharmacological Actions : [Apoptotic](#) : CK(2958) : AC(2075), [Bcl-2 protein down-regulation](#) : CK(198) : AC(131), [TRAIL sensitizer](#) : CK(3) : AC(2)

Additional Keywords : [Apoptosis Regulatory Proteins](#) : CK(1) : AC(1)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol](#) : CK(38) : AC(26), [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [Cancers: All](#) : CK(14773) : AC(4596), [Gastrointestinal Cancer](#) : CK(47) : AC(14)

Pharmacological Actions : [Anti-metastatic](#) : CK(634) : AC(414), [Anticarcinogenic Agents](#) : CK(1099) : AC(519), [Apoptotic](#) : CK(2958) : AC(2075), [Chemopreventive](#) : CK(2835) : AC(787), [Chemotherapeutic](#) : CK(397) : AC(152)

Additional Keywords : [Significant Treatment Outcome](#) : CK(3038) : AC(366)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

[Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.](#)

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[The combination of Gelam honey and ginger may serve as a potential therapy in the treatment of colorectal cancer.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(15):6549-56. PMID: [26434873](#)

Article Published Date : Dec 31, 2014

Authors : Lee Heng Wee, Noor Azian Morad, Goon Jo Aan, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Wnt/ \$\beta\$ -catenin signaling pathway modulation : CK\(36\) : AC\(24\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#), [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and](#)

[therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Analhuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[These results indicated that the effective components of Pinelliae extract for Purging Stomach-Fire in gastric cancer treatment were pinelliae and dried ginger.](#)

Pubmed Data : Am J Transl Res. 2016 ;8(7):2937-46. Epub 2016 Jul 15. PMID: [27508014](#)

Article Published Date : Dec 31, 2015

Authors : Xi-Ping Liu, Hai-Xia Ming, Pei-Qing Li

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[This study showed the functions of shogaol as a sensitizing agent to induce cell death of TRAIL-resistant colon cancer cells.](#)

Pubmed Data : Tumour Biol. 2015 Jun 11. Epub 2015 Jun 11. PMID: [26063410](#)

Article Published Date : Jun 10, 2015

Authors : Jung Soon Hwang, Hai-Chon Lee, Sang Cheul Oh, Dae-Hee Lee, Ki Han Kwon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Chemosensitizer : CK\(394\) : AC\(286\)](#), [Survivin Down-Regulation : CK\(15\) : AC\(13\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Gastrointestinal Agents](#)

[A standardized extract of ginger and artichoke significantly promoted gastric emptying in healthy volunteers.](#)

Pubmed Data : Eur Rev Med Pharmacol Sci. 2016 Jan ;20(1):146-9. PMID: [26813467](#)

Article Published Date : Dec 31, 2015

Authors : S Lazzini, W Polinelli, A Riva, P Morazzoni, E Bombardelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Delayed Gastric Emptying : CK\(107\) : AC\(13\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger and artichoke leaf extracts appears efficacious in the treatment of functional dyspepsia](#)

[and could represent a promising and safe treatment strategy for this frequent disease.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:915087. Epub 2015 Apr 14. PMID: [25954317](#)

Article Published Date : Dec 31, 2014

Authors : Attilio Giacosa, Davide Guido, Mario Grassi, Antonella Riva, Paolo Morazzoni, Ezio Bombardelli, Simone Perna, Milena A Faliva, Mariangela Rondanelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Ginger and Turmeric extracts may represent effective and natural therapeutic alternatives in the treatment of giardiasis.](#)

Pubmed Data : Parasitol Res. 2016 Mar 16. Epub 2016 Mar 16. PMID: [26984104](#)

Article Published Date : Mar 15, 2016

Authors : Ahmad K Dyab, Doaa A Yones, Zedan Z Ibraheim, Tasneem M Hassan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#),

[Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

[Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[This review indicates that ginger possesses multiple properties that could be beneficial in reducing chemotherapy induced nausea and vomiting](#)

Pubmed Data : Crit Rev Food Sci Nutr. 2015 Apr 7:0. Epub 2015 Apr 7. PMID: [25848702](#)

Article Published Date : Apr 06, 2015

Authors : Wolfgang Marx, Karin Ried, Alexandra L McCarthy, Luis Vitetta, Avni Sali, Daniel McKavanagh, Elisabeth Isenring

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#),

[Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Topic: Tumor Necrosis Factor (TNF) Alpha Inhibitor

Ginger supplementation with antitubercular treatment significantly lowered TNF alpha, ferritin and MDA concentrations.

Pubmed Data : J Complement Integr Med. 2016 Jun 1 ;13(2):201-6. PMID: [27089418](#)

Article Published Date : May 31, 2016

Authors : Rashmi Anant Kulkarni, Ajit Ramesh Deshpande

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tuberculosis : CK\(312\) : AC\(54\)](#)

Therapeutic Actions : [Integrative Medicine : CK\(312\) : AC\(45\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

"Ginger extract (Zingiber officinale) has anti-cancer and anti-inflammatory effects on ethionine-induced hepatoma rats."

Pubmed Data : Clinics (Sao Paulo). 2008 Dec ;63(6):807-13. PMID: [19061005](#)

Article Published Date : Dec 01, 2008

Authors : Shafina Hanim Mohd Habib, Suzana Makpol, Noor Aini Abdul Hamid, Srijit Das, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Dietary intake of C. longa and Z. officinale potentiates the non-specific host defences against opportunistic infections.

Pubmed Data : Cell Immunol. 2012 Nov ;280(1):92-100. Epub 2012 Dec 10. PMID: [23295981](#)

Article Published Date : Oct 31, 2012

Authors : Biswajit Chakraborty, Mahuya Sengupta

Study Type : Animal Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Curcuminoids : CK\(4224\) : AC\(2161\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Pharmacological Actions : [Immunostimulatory : CK\(265\) : AC\(60\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Interleukin-10 downregulation : CK\(128\) : AC\(45\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-Gingerol, a compound found within ginger, inhibits inflammation.](#)

Pubmed Data : Biochem Biophys Res Commun. 2009 Apr 24;382(1):134-9. Epub 2009 Mar 4. PMID: [19268427](#)

Article Published Date : Apr 24, 2009

Authors : Tzung-Yan Lee, Ko-Chen Lee, Shih-Yuan Chen, Hen-Hong Chang

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Central Nervous System Diseases : CK\(6\) : AC\(6\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Paradols : CK\(1\) : AC\(1\)](#)

[Curcumin, Resveratrol and Gingerol decrease prostate inflammation](#)

Pubmed Data : Carcinogenesis. 2007 Jun;28(6):1188-96. Epub 2006 Dec 6. PMID: [17151092](#)

Article Published Date : Jun 01, 2007

Authors : Larisa Nonn, David Duong, Donna M Peehl

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Resveratrol : CK\(1283\) : AC\(746\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Z. officinale paste could be used as natural spice and a potent antitumour agent.](#)

Pubmed Data : Appl Biochem Biotechnol. 2016 Jul 19. Epub 2016 Aug 19. PMID: [27435276](#)

Article Published Date : Jul 18, 2016

Authors : Sundararaj Rubila, Thottiam Vasudevan Ranganathan, Kunnathur Murugesan Sakthivel

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lymphoma: Dalton's : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Topic: [Aldose reductase inhibitor](#)

[Ginger is an aldose reductase inhibitor which may have contribute to the protection against diabetic complications.](#)

Pubmed Data : J Agric Food Chem. 2006 Sep 6;54(18):6640-4. PMID: [16939321](#)

Article Published Date : Sep 06, 2006

Authors : Atsushi Kato, Yasuko Higuchi, Hirozo Goto, Haruhisa Kizu, Tadashi Okamoto, Naoki Asano, Jackie Hollinshead, Robert J Nash, Isao Adachi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

[Ginger supplementation is an effective treatment for type 2 diabetes.](#)

Pubmed Data : Int J Food Sci Nutr. 2014 Feb 4. Epub 2014 Feb 4. PMID: [24490949](#)

Article Published Date : Feb 03, 2014

Authors : Tahereh Arablou, Naheed Aryaeian, Majid Valizadeh, Faranak Sharifi, Aghafatemeh Hosseini, Mahmoud Djalali

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

Topic: [Antiemetics](#)

[Ginger root powder is effective in reducing severity of acute and delayed chemotherapy-induced nausea and vomiting as additional therapy to ondansetron and dexamethasone in patients receiving chemotherapy.](#)

Pubmed Data : Pediatr Blood Cancer. 2010 Sep 14. Epub 2010 Sep 14. PMID: [20842754](#)

Article Published Date : Sep 14, 2010

Authors : Anu Kochanujan Pillai, Kamlesh K Sharma, Yogendra K Gupta, Sameer Bakhshi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity : CK\(1033\) : AC\(327\)](#), [Nausea: Chemotherapy-Induced : CK\(70\) : AC\(6\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

[Protein and ginger may have therapeutic value in the treatment of chemotherapy-induced delayed nausea.](#)

Pubmed Data : J Altern Complement Med. 2008 Jun;14(5):545-51. PMID: [18537470](#)

Article Published Date : Jun 01, 2008

Authors : Max E Levine, Marcum G Gillis, Sara Yanchis Koch, Anne C Voss, Robert M Stern, Kenneth L Koch

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Protein Supplement : CK\(73\) : AC\(7\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Nausea : CK\(50\) : AC\(5\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

Topic: [Antiproliferative](#)

[6-gingerol a component of ginger is extensively metabolized in H-1299 human lung cancer cells.](#)

Pubmed Data : J Agric Food Chem. 2012 Nov 14 ;60(45):11372-7. Epub 2012 Nov 6. PMID: [23066935](#)

Article Published Date : Nov 13, 2012

Authors : Lishuang Lv, Huadong Chen, Dominique Soroka, Xiaoxin Chen, TinChung Leung, Shengmin Sang

Study Type : Animal Study, Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers : CK\(7\) : AC\(3\)](#), [Carcinoma: Non-Small-Cell Lung : CK\(134\) : AC\(71\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#)

Additional Keywords : [Biotransformation : CK\(5\) : AC\(1\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract inhibited cell proliferation and subsequently induced the autotic death of pancreatic cancer Panc-1 cells.](#)

Pubmed Data : PLoS One. 2015 ;10(5):e0126605. Epub 2015 May 11. PMID: [25961833](#)

Article Published Date : Dec 31, 2014

Authors : Miho Akimoto, Mari Iizuka, Rie Kanematsu, Masato Yoshida, Keizo Takenaga

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Autophagy Up-regulation : CK\(108\) : AC\(65\)](#)

[6-Dehydrogingerdione, an active constituent of dietary ginger, induces cell cycle arrest and programmed cell death in human breast cancer cells.](#)

Pubmed Data : Mol Nutr Food Res. 2010 Feb 19. Epub 2010 Feb 19. PMID: [20175081](#)

Article Published Date : Feb 19, 2010

Authors : Ya-Ling Hsu, Chung-Yi Chen, Ming-Feng Hou, Eing-Mei Tsai, Yuh-Jyh Jong, Chih-Hsing Hung, Po-Lin Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[A compound from ginger, 6\]-gingerol, may be an effective agent in the treatment of skin cancer.](#)

Pubmed Data : Chem Biol Interact. 2009 Sep 14;181(1):77-84. Epub 2009 May 27. PMID: [19481070](#)

Article Published Date : Sep 14, 2009

Authors : Nidhi Nigam, Kulpreet Bhui, Sahdeo Prasad, Jasmine George, Yogeshwer Shukla

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Skin Cancer: Squamous Cell : CK\(56\) : AC\(20\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Curcuma rhizome, a main representant of Zingiberaceae family may be a promising natural source for active compounds against malignant melanoma.](#)

Pubmed Data : Biol Res. 2015 Jan 12 ;48(1):1. Epub 2015 Jan 12. PMID: [25654588](#)

Article Published Date : Jan 11, 2015

Authors : Corina Danciu, Lavinia Vlaia, Florinela Fetea, Monica Hancianu, Dorina E Coricovac, Sorina A Ciurlea, Codruța M Șoica, Iosif Marincu, Vicentiu Vlaia, Cristina A Dehelean, Cristina Trandafirescu

Study Type : In Vitro Study

Additional Links

Substances : [Curcuma Longa : CK\(5\) : AC\(4\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Polyphenols : CK\(931\) : AC\(335\)](#)

Diseases : [Malignant Melanoma : CK\(34\) : AC\(16\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger exhibits anti-lung cancer properties.](#)

Pubmed Data : J Med Food. 2010 Dec;13(6):1347-54. PMID: [21091248](#)

Article Published Date : Dec 01, 2010

Authors : Wirote Tuntiwechapikul, Thanachai Taka, Chonnipa Songsomboon, Navakoon Kaewtunjai, Arisa Imsumran, Luksana Makonkawkeyoon, Wilart Pompimon, T Randall Lee

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Telomerase Inhibitor : CK\(55\) : AC\(35\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[These results indicated that the effective components of Pinelliae extract for Purging Stomach-Fire in gastric cancer treatment were pinelliae and dried ginger.](#)

Pubmed Data : Am J Transl Res. 2016 ;8(7):2937-46. Epub 2016 Jul 15. PMID: [27508014](#)

Article Published Date : Dec 31, 2015

Authors : Xi-Ping Liu, Hai-Xia Ming, Pei-Qing Li

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[Zingiber zerumbet \(a member of the ginger family\) contains compounds that inhibit histone deacetylase and exhibited growth inhibitory activity on various human tumor cell lines.](#)

Pubmed Data : Pharmazie. 2008 Oct;63(10):774-6. PMID: [18972844](#)

Article Published Date : Oct 01, 2008

Authors : Ill-Min Chung, Min-Young Kim, Won-Hwan Park, Hyung-In Moon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tumors : CK\(203\) : AC\(119\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Histone deacetylase inhibitor : CK\(48\) : AC\(37\)](#)

Topic: [Neuroprotective Agents](#)

[6-gingerol may be useful in the prevention and treatment of alzheimer's disease.](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)
Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)
Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),
[Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)
Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[**Ginger has a neuroprotective effect in diabetic rats.**](#)

Pubmed Data : Food Chem Toxicol. 2010 Dec 22. Epub 2010 Dec 22. PMID: [21184796](#)

Article Published Date : Dec 22, 2010

Authors : Kondeti Ramudu Shanmugam, Korivi Mallikarjuna, Nishanth Kesireddy, Kesireddy Sathyavelu Reddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cognitive Dysfunction : CK\(40\) : AC\(17\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[**Ginger mitigates damage and improves memory impairment in focal cerebral ischemia.**](#)

Pubmed Data : Evid Based Complement Alternat Med. 2011;2011:429505. Epub 2010 Dec 20. PMID: [21197427](#)

Article Published Date : Jan 01, 2011

Authors : Jintanaporn Wattanathorn, Jinatta Jittiwat, Terdthai Tongun, Supaporn Muchimapura, Kornkanok Ingkaninan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#), [Memory Disorders : CK\(344\) : AC\(104\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[**Ginger protects against dichlorvos and lindane induced oxidative stress in rat brain.**](#)

Pubmed Data : Pharmacognosy Res. 2012 Jan ;4(1):27-32. PMID: [22224058](#)

Article Published Date : Jan 01, 2012

Authors : Poonam Sharma, Rambir Singh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#),
[Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Problem Substances : [Dichlorvos : CK\(6\) : AC\(3\)](#), [Lindane : CK\(2\) : AC\(1\)](#)

[**Ginger root extract has a neuroprotective effect against monosodium glutamate-induced toxicity in male rats.**](#)

Pubmed Data : Pak J Biol Sci. 2009 Feb 1;12(3):201-12. PMID: [19579948](#)

Article Published Date : Feb 01, 2009

Authors : Abeer M Waggas

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Excitotoxicity : CK\(58\) : AC\(35\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[**Protective effects of ginger root extract on Alzheimer disease-induced behavioral dysfunction in rats.**](#)

Pubmed Data : Rejuvenation Res. 2013 Apr ;16(2):124-33. PMID: [23374025](#)

Article Published Date : Mar 31, 2013

Authors : Gao-Feng Zeng, Zhi-Yong Zhang, Li Lu, De-Qiang Xiao, Shao-Hui Zong, Jian-Ming He

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Pharmacological Actions : [Interleukin-1 beta downregulation](#) : CK(478) : AC(205), [Malondialdehyde Down-regulation](#) : CK(554) : AC(152), [Neuroprotective Agents](#) : CK(2360) : AC(1099), [NF-kappaB Inhibitor](#) : CK(1114) : AC(694), [Superoxide Dismutase Up-regulation](#) : CK(530) : AC(174)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[**6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.**](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Brain Inflammation](#) : CK(274) : AC(145), [Central Nervous System Diseases](#) : CK(6) : AC(6), [Cerebral Ischemia](#) : CK(229) : AC(77)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Neuroprotective Agents](#) : CK(2360) : AC(1099), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1823) : AC(669)

Additional Keywords : [Paradols](#) : CK(1) : AC(1)

[**Alzheimer's disease drug discovery from herbs: neuroprotectivity from beta-amyloid \(1-42\) insult.**](#)

Pubmed Data : J Altern Complement Med. 2007 Apr ;13(3):333-40. PMID: [17480132](#)

Article Published Date : Mar 31, 2007

Authors : Darrick S H L Kim, Jin-Yung Kim, Ye Sun Han

Study Type : In Vitro Study

Additional Links

Substances : [Chinese Skullcap](#) : CK(127) : AC(66), [Ginger](#) : CK(696) : AC(184), [Ginkgo biloba](#) : CK(798) : AC(162)

Pharmacological Actions : [Apoptotic](#) : CK(2958) : AC(2075), [Neuroprotective Agents](#) : CK(2360) : AC(1099)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[**Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.**](#)

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom](#) : CK(39) : AC(9), [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184), [Long Pepper](#) : CK(15) : AC(9), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Alzheimer's Disease](#) : CK(1292) : AC(382)

Pharmacological Actions : [Neuroprotective Agents](#) : CK(2360) : AC(1099), [β-secretase Inhibitor](#) : CK(1) : AC(1)

[**Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.**](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Antineoplastic Agents](#)

[Ginger \(*Zingiber officinale*\) reduces acute chemotherapy-induced nausea.](#)

Pubmed Data : Support Care Cancer. 2012 Jul ;20(7):1479-89. Epub 2011 Aug 5. PMID: [21818642](#)

Article Published Date : Jun 30, 2012

Authors : Julie L Ryan, Charles E Heckler, Joseph A Roscoe, Shaker R Dakhil, Jeffrey Kirshner, Patrick J Flynn, Jane T Hickok, Gary R Morrow

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

["Ginger extract \(*Zingiber officinale*\) has anti-cancer and anti-inflammatory effects on ethionine-induced hepatoma rats."](#)

Pubmed Data : Clinics (Sao Paulo). 2008 Dec ;63(6):807-13. PMID: [19061005](#)

Article Published Date : Dec 01, 2008

Authors : Shafina Hanim Mohd Habib, Suzana Makpol, Noor Aini Abdul Hamid, Srijit Das, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A compound in ginger known as 6-Gingerol prevents cisplatin-induced acute renal failure in rats.](#)

Pubmed Data : J Agric Food Chem. 2005 Apr 6;53(7):2446-50. PMID: [16971750](#)

Article Published Date : Apr 06, 2005

Authors : Anurag Kuhad, Naveen Tirkey, Sangeeta Pilkhwal, Kanwaljit Chopra

Study Type : Animal Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

Topic: [Hypolipidemic](#)

[Daily administration of 1,000 mg ginger reduces serum triglyceride concentration, which is a risk factor for cardiovascular disease in peritoneal dialysis patients.](#)

Pubmed Data : Perit Dial Int. 2015 Oct 16. Epub 2015 Oct 16. PMID: [26475844](#)

Article Published Date : Oct 15, 2015

Authors : Hadi Tabibi, Hossein Imani, Shahnaz Atabak, Iraj Najafi, Mehdi Hedayati, Leila Rahmani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cardiovascular Disease: Prevention : CK\(3250\) : AC\(433\)](#), [Hemodialysis : CK\(463\) : AC\(49\)](#), [Triglycerides: Elevated : CK\(718\) : AC\(117\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

[Ginger has a protective effect against dyslipidemia in diabetic rats.](#)

Pubmed Data : J Ethnopharmacol. 2005 Feb 28;97(2):227-30. PMID: [15707757](#)

Article Published Date : Feb 28, 2005

Authors : Uma Bhandari, Raman Kanojia, K K Pillai

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: LDL/HDL ratio : CK\(484\) : AC\(61\)](#), [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Green tea and ginger extracts have a significant hypoglycemic effect in diabetic rabbits.](#)

Pubmed Data : Acta Pol Pharm. 2015 May-Jun;72(3):497-506. PMID: [26642658](#)

Article Published Date : Apr 30, 2015

Authors : Ahmed Elkirdasy, Saad Shousha, Abdulmohsen H Alrohaimi, M Faiz Arshad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Green Tea : CK\(1976\) : AC\(562\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Nitric Oxide Inhibitor](#)

[Ginger powder supplementation can reduce inflammatory markers in patients with knee osteoarthritis.](#)

Pubmed Data : J Tradit Complement Med. 2016 Jul ;6(3):199-203. Epub 2015 Jan 28. PMID: [27419081](#)

Article Published Date : Jun 30, 2016

Authors : Zahra Naderi, Hassan Mozaffari-Khosravi, Ali Dehghan, Azadeh Nadjarzadeh, Hassan Fallah Huseini

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein : CK\(1852\) : AC\(174\)](#), [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

[6-gingerol may be useful in the prevention and treatment of alzheimer's disease.](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[Topic: Renoprotective](#)

[A compound in ginger known as 6-Gingerol prevents cisplatin-induced acute renal failure in rats.](#)

Pubmed Data : J Agric Food Chem. 2005 Apr 6;53(7):2446-50. PMID: [16971750](#)

Article Published Date : Apr 06, 2005

Authors : Anurag Kuhad, Naveen Tirkey, Sangeeta Pilkhwal, Kanwaljit Chopra

Study Type : Animal Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

[A spice mixture containing garlic, ginger and nutmeg possesses both therapeutic and prophylactic effect against Cd-induced organ damage.](#)

Pubmed Data : Adv Pharm Bull. 2016 Jun ;6(2):271-4. Epub 2016 Jun 30. PMID: [27478792](#)

Article Published Date : May 31, 2016

Authors : Emmanuel Ike Ugwuja, Omotayo O Erejuwa, Nicholas C Ugwu

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Nutmeg : CK\(28\) : AC\(18\)](#)

Diseases : [Cadmium Poisoning : CK\(131\) : AC\(62\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Ameliorative Potentials of Ginger \(*Z. officinale* Roscoe\) on Relative Organ Weights in Streptozotocin induced Diabetic Rats.](#)

Pubmed Data : Int J Biomed Sci. 2013 Jun ;9(2):82-90. PMID: [23847458](#)

Article Published Date : May 31, 2013

Authors : C O Eleazu, M Iroaganachi, P N Okafor, I I Ijeh, K C Eleazu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetic Glomerular Hypertrophy : CK\(2\) : AC\(1\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Ginger and arabic gum may have therapeutic value in acute and chronic kidney failure.](#)

Pubmed Data : Ren Fail. 2012 ;34(1):73-82. Epub 2011 Oct 21. PMID: [22017619](#)

Article Published Date : Jan 01, 2012

Authors : Mona Fouad Mahmoud, Abdalla Ahmed Diaai, Fahmy Ahmed

Study Type : Animal Study

Additional Links

Substances : [Arabic gum : CK\(14\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Kidney Failure : CK\(321\) : AC\(45\)](#), [Kidney Failure: Acute : CK\(61\) : AC\(13\)](#), [Kidney Failure: Chronic : CK\(148\) : AC\(21\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zinc : CK\(941\) : AC\(139\)](#)

Diseases : [Chemical Exposure : CK\(67\) : AC\(21\)](#), [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#), [Kidney Damage: Chemically-Induced : CK\(25\) : AC\(13\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Malathion Toxicity : CK\(2\) : AC\(1\)](#), [Zinc Chloride : CK\(2\) : AC\(1\)](#)

[Ginger has a protective effect against kidney damage associated with diabetes.](#)

Pubmed Data : Chin J Physiol. 2011 Apr 30 ;54(2):79-86. PMID: [21789888](#)

Article Published Date : Apr 30, 2011

Authors : Shanmugam Kondeti Ramudu, Mallikarjuna Korivi, Nishanth Kesireddy, Li-Chen Lee, I-Shiung Cheng, Chia-Hua Kuo, Sathyavelu Reddy Kesireddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Kidney Damage : CK\(193\) : AC\(64\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Topic: [Chemotherapeutic](#)

[Nausea severity and the number of vomiting episodes were significantly lower in the Ginger intervention group than in the control group.](#)

Pubmed Data : Clin J Oncol Nurs. 2015 Oct 1 ;19(5):E92-E97. PMID: [26414587](#)

Article Published Date : Sep 30, 2015

Authors : Müzeyyen Arslan, Leyla Ozdemir

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[This review indicates that ginger possesses multiple properties that could be beneficial in reducing chemotherapy induced nausea and vomiting](#)

Pubmed Data : Crit Rev Food Sci Nutr. 2015 Apr 7:0. Epub 2015 Apr 7. PMID: [25848702](#)

Article Published Date : Apr 06, 2015

Authors : Wolfgang Marx, Karin Ried, Alexandra L McCarthy, Luis Vitetta, Avni Sali, Daniel McKavanagh, Elisabeth Isenring

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Topic: Malondialdehyde Down-regulation

Ginger supplementation with antitubercular treatment significantly lowered TNF alpha, ferritin and MDA concentrations.

Pubmed Data : J Complement Integr Med. 2016 Jun 1 ;13(2):201-6. PMID: [27089418](#)

Article Published Date : May 31, 2016

Authors : Rashmi Anant Kulkarni, Ajit Ramesh Deshpande

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Tuberculosis](#) : CK(312) : AC(54)

Therapeutic Actions : [Integrative Medicine](#) : CK(312) : AC(45)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Antioxidants](#) : CK(7529) : AC(2682), [Malondialdehyde Down-regulation](#) : CK(554) : AC(152), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1823) : AC(669)

Protective effects of ginger root extract on Alzheimer disease-induced behavioral dysfunction in rats.

Pubmed Data : Rejuvenation Res. 2013 Apr ;16(2):124-33. PMID: [23374025](#)

Article Published Date : Mar 31, 2013

Authors : Gao-Feng Zeng, Zhi-Yong Zhang, Li Lu, De-Qiang Xiao, Shao-Hui Zong, Jian-Ming He

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Pharmacological Actions : [Interleukin-1 beta downregulation](#) : CK(478) : AC(205), [Malondialdehyde Down-regulation](#) : CK(554) : AC(152), [Neuroprotective Agents](#) : CK(2360) : AC(1099), [NF-kappaB Inhibitor](#) : CK(1114) : AC(694), [Superoxide Dismutase Up-regulation](#) : CK(530) : AC(174)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: NF-kappaB Inhibitor

"Ginger extract (Zingiber officinale) has anti-cancer and anti-inflammatory effects on ethionine-induced hepatoma rats."

Pubmed Data : Clinics (Sao Paulo). 2008 Dec ;63(6):807-13. PMID: [19061005](#)

Article Published Date : Dec 01, 2008

Authors : Shafina Hanim Mohd Habib, Suzana Makpol, Noor Aini Abdul Hamid, Srijit Das, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Liver Cancer: Prevention](#) : CK(184) : AC(38)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Antineoplastic Agents](#) : CK(1158) : AC(639), [NF-kappaB Inhibitor](#) : CK(1114) : AC(694), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1823) : AC(669)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Ginger contains the compound zerumbone, which inhibits colon and lung carcinogenesis in mice.

Pubmed Data : Int J Cancer. 2009 Jan 15;124(2):264-71. PMID: [19003968](#)

Article Published Date : Jan 15, 2009

Authors : Mihye Kim, Shingo Miyamoto, Yumiko Yasui, Takeru Oyama, Akira Murakami, Takuji Tanaka

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[Protective effects of ginger root extract on Alzheimer disease-induced behavioral dysfunction in rats.](#)

Pubmed Data : Rejuvenation Res. 2013 Apr ;16(2):124-33. PMID: [23374025](#)

Article Published Date : Mar 31, 2013

Authors : Gao-Feng Zeng, Zhi-Yong Zhang, Li Lu, De-Qiang Xiao, Shao-Hui Zong, Jian-Ming He

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Pharmacological Actions : [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.](#)

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#)

[Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Anticholesteremic Agents](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Chemopreventive](#)

["Ginger ingredients inhibit the development of diethylnitrosoamine induced premalignant phenotype in rat chemical hepatocarcinogenesis model."](#)

Pubmed Data : Biofactors. 2010 Nov-Dec;36(6):483-90. Epub 2010 Sep 24. PMID: [20872761](#)

Article Published Date : Nov 01, 2010

Authors : Mahmoud A Mansour, Saleh A Bekheet, Salim S Al-Rejaie, Othman A Al-Shabanah, Tawfeq A Al-Howiriny, Ammar C Al-Rikabi, Ayman A Abdo

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger \(Zingiber officinale\) prevents ethionine induced rat hepatocarcinogenesis.](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2008 ;6(1):87-93. Epub 2008 Oct 25. PMID: [20162046](#)

Article Published Date : Jan 01, 2008

Authors : Yasmin Anum Mohd Yusof, Norliza Ahmad, Srijit Das, Suhaniza Sulaiman, Nor Azian Murad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[The combination of Gelam honey and ginger may serve as a potential therapy in the treatment of colorectal cancer.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(15):6549-56. PMID: [26434873](#)

Article Published Date : Dec 31, 2014

Authors : Lee Heng Wee, Noor Azian Morad, Goon Jo Aan, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Wnt/ \$\beta\$ -catenin signaling pathway modulation : CK\(36\) : AC\(24\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#), [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Anahuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[The content of 6-shogaol is very low in fresh ginger, but significantly higher after steaming.](#)

Pubmed Data : Am J Chin Med. 2015 Oct 18:1-13. Epub 2015 Oct 18. PMID: [26477795](#)

Article Published Date : Oct 17, 2015

Authors : Chong-Zhi Wang, Lian-Wen Qi, Chun-Su Yuan

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Galactogogue](#)

[Ginger is a promising natural galactagogue to improve breast milk volume in the immediate postpartum period without any notable side effect.](#)

Pubmed Data : Breastfeed Med. 2016 Aug 9. Epub 2016 Aug 9. PMID: [27505611](#)

Article Published Date : Aug 08, 2016

Authors : Panwara Paritakul, Kasem Ruangrongmorakot, Wipada Laosooksathit, Maysita Suksamarnwong, Pawin Puapornpong

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Milk: Inadequate/Poor Quality : CK\(110\) : AC\(10\)](#)

Pharmacological Actions : [Galactogogue : CK\(73\) : AC\(8\)](#)

Topic: [Thermogenic](#)

[Ginger consumption enhances the thermic effect of food and promotes feelings of satiety without affecting metabolic and hormonal parameters in overweight men.](#)

Pubmed Data : Metabolism. 2012 Oct ;61(10):1347-52. Epub 2012 Apr 24. PMID: [22538118](#)

Article Published Date : Sep 30, 2012

Authors : Muhammad S Mansour, Yu-Ming Ni, Amy L Roberts, Michael Kelleman, Arindam Roychoudhury, Marie-Pierre St-Onge

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Overweight : CK\(3320\) : AC\(544\)](#), [Weight Problems: Appetite : CK\(162\) : AC\(22\)](#)

Pharmacological Actions : [Thermogenic : CK\(57\) : AC\(9\)](#)

Topic: Vasopressin Inhibitor

Ginger has a therapeutic effect on motion sickness.

Pubmed Data : Nutr Cancer. 2007;58(1):60-5. PMID: [12576305](#)

Article Published Date : Jan 01, 2007

Authors : Han-Chung Lien, Wei Ming Sun, Yen-Hsueh Chen, Hyerang Kim, William Hasler, Chung Owyang

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Motion Sickness : CK\(10\) : AC\(1\)](#)

Pharmacological Actions : [Vasopressin Inhibitor : CK\(12\) : AC\(2\)](#)

Topic: Antiviral Agents

Fresh ginger (Zingiber officinale) has anti-viral activity against human respiratory syncytial virus in human respiratory tract cell lines.

Pubmed Data : J Ethnopharmacol. 2012 Nov 1. Epub 2012 Nov 1. PMID: [23123794](#)

Article Published Date : Oct 31, 2012

Authors : Jung San Chang, Kuo Chih Wang, Chia Feng Yeh, Den En Shieh, Lien Chai Chiang

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Respiratory Syncytial Virus Infections : CK\(76\) : AC\(24\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Fresh Versus Dried Potencies : CK\(5\) : AC\(1\)](#)

Various extracts of ginger inhibit Cytomegalovirus, HSV-1, and HIV virus.

Pubmed Data : Pharmazie. 2006 Aug;61(8):717-21. PMID: [16964717](#)

Article Published Date : Aug 01, 2006

Authors : K Sookkongwaree, M Geitmann, S Roengsumran, A Petsom, U H Danielson

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cytomegalovirus Infections : CK\(99\) : AC\(37\)](#), [HIV Infections : CK\(680\) : AC\(219\)](#), [HSV-1 : CK\(53\) : AC\(44\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Ginger contains compounds which inhibit rhinoviral activity.

Pubmed Data : Brain Res. 2004 Sep 10;1020(1-2):1-11. PMID: [8064299](#)

Article Published Date : Sep 10, 2004

Authors : C V Denyer, P Jackson, D M Loakes, M R Ellis, D A Young

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Rhinovirus Infection : CK\(39\) : AC\(20\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Zingiberaceae species (e.g. ginger) contain compounds that inhibit Epstein-Barr virus activation.

Pubmed Data : Br J Cancer. 1999 Apr;80(1-2):110-6. PMID: [10389986](#)

Article Published Date : Apr 01, 1999

Authors : S Vimala, A W Norhanom, M Yadav

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Epstein-Barr Virus Infections : CK\(132\) : AC\(47\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Topic: [Hepatoprotective](#)

[Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zinc : CK\(941\) : AC\(139\)](#)

Diseases : [Chemical Exposure : CK\(67\) : AC\(21\)](#), [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#), [Kidney Damage: Chemically-Induced : CK\(25\) : AC\(13\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Malathion Toxicity : CK\(2\) : AC\(1\)](#), [Zinc Chloride : CK\(2\) : AC\(1\)](#)

[Ginger extracts can be considered as an effective, economical and safe extract to circumvent phosphamidon induced hepatotoxicity.](#)

Pubmed Data : Indian J Exp Biol. 2015 Sep ;53(9):574-84. PMID: [26548077](#)

Article Published Date : Aug 31, 2015

Authors : Suprabhat Mukherjee, Niladri Mukherjee, Prasanta Saini, Priya Roy, Santi P Sinha Babu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

[Ginger protects against acetaminophen-induced acute liver injury by enhancing liver antioxidant status.](#)

Pubmed Data : Food Chem Toxicol. 2007 Nov;45(11):2267-72. Epub 2007 Jun 9. PMID: [17637489](#)

Article Published Date : Nov 01, 2007

Authors : T A Ajith, U Hema, M S Aswathy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acetaminophen \(Tylenol\) Toxicity : CK\(166\) : AC\(61\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

[Ginger protects against bromobenzene-induced liver toxicity in male rats.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jul;47(7):1584-90. Epub 2009 Apr 23. PMID: [19371770](#)

Article Published Date : Jul 01, 2009

Authors : A S El-Sharaky, A A Newairy, M A Kamel, S M Eweda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [Bromobenzene Toxicity : CK\(4\) : AC\(2\)](#)
Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

Topic: [Radioprotective](#)

[Ginger exhibits behavioral radioprotection against radiation-induced taste aversion.](#)

Pubmed Data : Pharmacol Biochem Behav. 2006 Jun;84(2):179-88. Epub 2006 Jun 21. PMID: [16797061](#)

Article Published Date : Jun 01, 2006

Authors : Anupum Haksar, Ashok Sharma, Raman Chawla, Raj Kumar, Rajesh Arora, Surender Singh, J Prasad, M Gupta, R P Tripathi, M P Arora, F Islam, R K Sharma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger protects mice against radiation-induced lethality.](#)

Pubmed Data : Cancer Biother Radiopharm. 2004 Aug;19(4):422-35. PMID: [15453957](#)

Article Published Date : Aug 01, 2004

Authors : Ganesh Jagetia, Manjeshwar Baliga, Ponemone Venkatesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[These results are supportive of use of ginger essential oil as a potential radioprotective compound.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2016 ;17(3):1325-32. PMID: [27039766](#)

Article Published Date : Dec 31, 2015

Authors : Kottarapat Jeena, Vijayasteltar B Liju, Viswanathan Ramanath, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#)

[Ginger has therapeutic properties relevant to cancer treatment.](#)

Pubmed Data : J BUON. 2011 Jul-Sep;16(3):414-24. PMID: [22006742](#)

Article Published Date : Jul 01, 2011

Authors : M M Pereira, R Haniadka, P P Chacko, P L Palatty, M S Baliga

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Cancers: Drug Resistant : CK\(352\) : AC\(223\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Chemosensitizer : CK\(394\) : AC\(286\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Topic: Antiparasitic Agents

[Ginger \(intravenous\) exhibits antiparasitic activity against *Dirofilaria immitis* \(heartworm\).](#)

Pubmed Data : J Helminthol. 1987 Sep;61(3):268-70. PMID: [3668217](#)

Article Published Date : Sep 01, 1987

Authors : A Datta, N C Sukul

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

[Andrographis, Tinospora and especially Zingiber officinale \(ginger\) have anti-parasitic activity against canine dirofilariasis \(heartworm\).](#)

Pubmed Data : Res Vet Sci. 2010 Feb;88(1):142-7. Epub 2009 Jun 4. PMID: [19500810](#)

Article Published Date : Feb 01, 2010

Authors : L T Merawin, A K Arifah, R A Sani, M N Somchit, A Zuraini, S Ganabadi, Z A Zakaria

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger and garlic treatment significantly lowered the number of the blastocystis hominis parasites.](#)

Pubmed Data : J Egypt Soc Parasitol. 2015 Apr ;45(1):93-100. PMID: [26012223](#)

Article Published Date : Mar 31, 2015

Authors : Ekhlash H Abdel-Hafeez, Azza K Ahmad, Noha H Andelgelil, Manal Z M Abdellatif, Amany M Kamal, Rabie M Mohamed

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Parasitic Intestinal Diseases : CK\(17\) : AC\(7\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

[Ginger has an important anti-hydatic effect in vitro.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):749-56. Epub 2016 Jun 29. PMID: [27569883](#)

Article Published Date : Jul 31, 2016

Authors : Manel Amri, Chafia Touil-Boukoffa

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Hydatidosis : CK\(1\) : AC\(1\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Topic: [Superoxide Dismutase Up-regulation](#)

[Ginger protects against dichlorvos and lindane induced oxidative stress in rat brain.](#)

Pubmed Data : Pharmacognosy Res. 2012 Jan ;4(1):27-32. PMID: [22224058](#)

Article Published Date : Jan 01, 2012

Authors : Poonam Sharma, Rambir Singh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Problem Substances : [Dichlorvos : CK\(6\) : AC\(3\)](#), [Lindane : CK\(2\) : AC\(1\)](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

[Protective effects of ginger root extract on Alzheimer disease-induced behavioral dysfunction in rats.](#)

Pubmed Data : Rejuvenation Res. 2013 Apr ;16(2):124-33. PMID: [23374025](#)

Article Published Date : Mar 31, 2013

Authors : Gao-Feng Zeng, Zhi-Yong Zhang, Li Lu, De-Qiang Xiao, Shao-Hui Zong, Jian-Ming He

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Pharmacological Actions : [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Tumor Suppressor Protein p53 Upregulation](#)

[Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

[Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.](#)

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: Anti-Bacterial Agents

[Ginger has a gastroprotective effect through its acid blocking and anti-Helico bacter pylori activity.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2009 Jul 1. PMID: [19570992](#)

Article Published Date : Jul 01, 2009

Authors : Siddaraju M Nanjundiah, Harish Nayaka Mysore Annaiah, Shylaja M Dharmesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acid Reflux : CK\(298\) : AC\(43\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#), [Helicobacter Pylori Infection : CK\(506\) : AC\(104\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Proton Pump Inhibitor : CK\(36\) : AC\(13\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Prevacid \(Lansoprazole\) Alternatives : CK\(6\) : AC\(3\)](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants :](#)

[CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola : CK\(13\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Haemophilus influenzae : CK\(44\) : AC\(8\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#), [Streptococcus pyogenes : CK\(29\) : AC\(18\)](#), [Upper Respiratory Infections : CK\(950\) : AC\(114\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[These spices could be as potential antimicrobial agents for inclusion in the anti-enterococcal treatment regimen.](#)

Pubmed Data : Arch Med Sci. 2015 Aug 12 ;11(4):863-8. Epub 2015 Aug 11. PMID: [26322099](#)

Article Published Date : Aug 11, 2015

Authors : Sharma Revati, Chapagain Bipin, Pai Bhat Chitra, Bhattacharjee Minakshi

Study Type : In Vitro Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Enterococcus Infections : CK\(16\) : AC\(12\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Antibiotic Resistance : CK\(56\) : AC\(7\)](#)

[Topic: Anti-metastatic](#)

[A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress : CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)
Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Anticarcinogenic Agents](#)

[Ginger contains the compound zerumbone, which inhibits colon and lung carcinogenesis in mice.](#)

Pubmed Data : Int J Cancer. 2009 Jan 15;124(2):264-71. PMID: [19003968](#)

Article Published Date : Jan 15, 2009

Authors : Mihye Kim, Shingo Miyamoto, Yumiko Yasui, Takeru Oyama, Akira Murakami, Takuji Tanaka

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#)

[Ginger contains the compound zerumbone, which may have chemopreventive activity through activating phase II drug metabolizing enzymes.](#)

Pubmed Data : FEBS Lett. 2004 Aug 13;572(1-3):245-50. PMID: [15304356](#)

Article Published Date : Aug 13, 2004

Authors : Yoshimasa Nakamura, Chiho Yoshida, Akira Murakami, Hajime Ohigashi, Toshihiko Osawa, Koji Uchida

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Phase II Detoxification Enzyme Inducer : CK\(78\) : AC\(40\)](#)

[Ginger has therapeutic properties relevant to cancer treatment.](#)

Pubmed Data : J BUON. 2011 Jul-Sep;16(3):414-24. PMID: [22006742](#)

Article Published Date : Jul 01, 2011

Authors : M M Pereira, R Haniadka, P P Chacko, P L Palatty, M S Baliga

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Cancers: Drug Resistant : CK\(352\) : AC\(223\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Chemosensitizer : CK\(394\) : AC\(286\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Topic: Bcl-2 protein down-regulation](#)

[Ginger has significant anti-breast cancer properties.](#)

Pubmed Data : J Biomed Biotechnol. 2012 ;2012:614356. Epub 2012 Aug 26. PMID: [22969274](#)

Article Published Date : Dec 31, 2011

Authors : Ayman I Elkady, Osama A Abuzinadah, Nabih A Baeshen, Tarek R Rahmy

Study Type : Insect Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bax/Bcl2 Ratio: Decrease : CK\(15\) : AC\(9\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#)

[Gingerol is a sensitizing agent which induces cell death of TRAIL resistant glioblastoma cells.](#)

Pubmed Data : Toxicol Appl Pharmacol. 2014 Sep 15 ;279(3):253-65. Epub 2014 Jul 14. PMID: [25034532](#)

Article Published Date : Sep 14, 2014

Authors : Dae-Hee Lee, Dong-Wook Kim, Chang-Hwa Jung, Yong J Lee, Daeho Park

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Glioblastoma : CK\(200\) : AC\(88\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [TRAIL sensitizer : CK\(3\) : AC\(2\)](#)

Additional Keywords : [Apoptosis Regulatory Proteins : CK\(1\) : AC\(1\)](#)

[Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.](#)

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[This study showed the functions of shogaol as a sensitizing agent to induce cell death of TRAIL-resistant colon cancer cells.](#)

Pubmed Data : Tumour Biol. 2015 Jun 11. Epub 2015 Jun 11. PMID: [26063410](#)

Article Published Date : Jun 10, 2015

Authors : Jung Soon Hwang, Hai-Chon Lee, Sang Cheul Oh, Dae-Hee Lee, Ki Han Kwon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Chemotherapeutic : CK\(394\) : AC\(286\)](#), [Survivin Down-Regulation : CK\(15\) : AC\(13\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Caspase-3 Activation](#)

[Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

Topic: [Cyclooxygenase 2 Inhibitors](#)

[A combination of ginger and peony root may prevent memory impairment in AD by inhibiting A \$\beta\$ accumulation and inflammation in the brain.](#)

Pubmed Data : J Alzheimers Dis. 2015 Nov 30. Epub 2015 Nov 30. PMID: [26639976](#)

Article Published Date : Nov 29, 2015

Authors : Soonmin Lim, Jin Gyu Choi, Minho Moon, Hyo Geun Kim, Wonil Lee, Hyoung-Rok Bak, Hachang Sung, Chi Hye Park, Sun Yeou Kim, Myung Sook Oh

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Peony : CK\(50\) : AC\(14\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.](#)

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [P21 Activation](#)

[Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

Topic: [Antihypertensive Agents](#)

[Ginger lowers blood pressure through blockade of voltage-dependent calcium channels.](#)

Pubmed Data : J Cardiovasc Pharmacol. 2005 Jan;45(1):74-80. PMID: [15613983](#)

Article Published Date : Jan 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#), [Calcium Channel Blockers : CK\(87\) : AC\(23\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Supplementation with turmeric or ginger modulated the hydrolysis of ATP, ADP and AMP.](#)

Pubmed Data : Phytother Res. 2016 May 6. Epub 2016 May 6. PMID: [27151061](#)

Article Published Date : May 05, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#)

Topic: [Antimicrobial](#)

[Both in vivo and in vitro results confirm the efficacy of black pepper, ginger and thyme extracts as natural antimicrobials and suggests the possibility of using them in treatment procedures.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2014 Oct-Dec;27(4):531-41. PMID: [25572733](#)

Article Published Date : Sep 30, 2014

Authors : M A Nassan, E H Mohamed

Study Type : Animal Study, In Vitro Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Thyme : CK\(81\) : AC\(40\)](#)

Diseases : [Pyelonephritis : CK\(17\) : AC\(4\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Antiprotozoal Agents](#)

[Ginger and cinnamon extracts had potential therapeutic effects on G. lamblia infection in albino rats as a promising alternative therapy to the commonly used anti giardial drugs.](#)

Pubmed Data : Iran J Parasitol. 2014 Oct-Dec;9(4):530-40. PMID: [25759734](#)

Article Published Date : Sep 30, 2014

Authors : Abeer Mahmoud, Rasha Attia, Safaa Said, Zedan Ibraheim

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antigiardial agents : CK\(4\) : AC\(2\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(24\) : AC\(4\)](#)

[Ginger and Turmeric extracts may represent effective and natural therapeutic alternatives in the treatment of giardiosis.](#)

Pubmed Data : Parasitol Res. 2016 Mar 16. Epub 2016 Mar 16. PMID: [26984104](#)

Article Published Date : Mar 15, 2016

Authors : Ahmad K Dyab, Doaa A Yones, Zedan Z Ibraheim, Tasneem M Hassan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#)

Topic: [Cell cycle arrest](#)

[Whole ginger extract reduces prostate tumor size by 56% in mice.](#)

Pubmed Data : Br J Nutr. 2011 Aug 18:1-12. Epub 2011 Aug 18. PMID: [21849094](#)

Article Published Date : Aug 18, 2011

Authors : Prasanthi Karna, Sharmeen Chagani, Sushma R Gundala, Padmashree C G Rida, Ghazia Asif, Vibhuti Sharma, Meenakshi V Gupta, Ritu Aneja

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[A compound from ginger, 6\]-gingerol, may be an effective agent in the treatment of skin cancer.](#)

Pubmed Data : Chem Biol Interact. 2009 Sep 14;181(1):77-84. Epub 2009 May 27. PMID: [19481070](#)

Article Published Date : Sep 14, 2009

Authors : Nidhi Nigam, Kulpreet Bhui, Sahdeo Prasad, Jasmine George, Yogeshwer Shukla

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Skin Cancer: Squamous Cell : CK\(56\) : AC\(20\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[Hexahydrocurcumin has a cytotoxic effect against human colorectal cancer cells.](#)

Pubmed Data : Nat Prod Commun. 2011 Nov ;6(11):1671-2. PMID: [22224285](#)

Article Published Date : Nov 01, 2011

Authors : Chung-Yi Chen, Woei-Ling Yang, Soong-Yu Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colorectal Cancer : CK\(1646\) : AC\(619\)](#)

Pharmacological Actions : [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

Topic: [Glutathione Upregulation](#)

[Ginger protects against dichlorvos and lindane induced oxidative stress in rat brain.](#)

Pubmed Data : Pharmacognosy Res. 2012 Jan ;4(1):27-32. PMID: [22224058](#)

Article Published Date : Jan 01, 2012

Authors : Poonam Sharma, Rambir Singh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)
Problem Substances : [Dichlorvos : CK\(6\) : AC\(3\)](#), [Lindane : CK\(2\) : AC\(1\)](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Topic: Immunomodulatory

[Ginger and constituent 6-gingerol could be used the prevention or alleviation of allergic rhinitis symptoms.](#)

Pubmed Data : J Nutr Biochem. 2015 Sep 1. Epub 2015 Sep 1. PMID: [26403321](#)

Article Published Date : Aug 31, 2015

Authors : Yoshiyuki Kawamoto, Yuki Ueno, Emiko Nakahashi, Momoko Obayashi, Kento Sugihara, Shanlou Qiao, Machiko Iida, Mayuko Y Kumasaka, Ichiro Yajima, Yuji Goto, Nobutaka Ohgami, Masashi Kato, Kozue Takeda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Allergic Rhinitis : CK\(392\) : AC\(52\)](#), [Allergic Rhinitis: Prevention : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Allergic Agents : CK\(167\) : AC\(61\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

[Ginger has an important anti-hydatic effect in vitro.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):749-56. Epub 2016 Jun 29. PMID: [27569883](#)

Article Published Date : Jul 31, 2016

Authors : Manel Amri, Chafia Touil-Boukoffa

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Hydatidosis : CK\(1\) : AC\(1\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[Immunomodulatory](#) : CK(1287) : AC(358)

Additional Keywords : [Natural Substance/Drug Synergy](#) : CK(352) : AC(142)

Topic: [Insulin-releasing](#)

[Anti-diabetic activity of Zingiber officinale in streptozotocin-induced type I diabetic rats.](#)

Pubmed Data : J Pharm Pharmacol. 2004 Jan ;56(1):101-5. PMID: [14980006](#)

Article Published Date : Dec 31, 2003

Authors : Sanjay P Akhani, Santosh L Vishwakarma, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Diabetes Mellitus: Type 1: Prevention](#) : CK(255) : AC(50), [Hypertension](#) : CK(2984) : AC(406)

Pharmacological Actions : [Hypoglycemic Agents](#) : CK(1446) : AC(342), [Insulin-releasing](#) : CK(62) : AC(28)

Additional Keywords : [Phytotherapy](#) : CK(1216) : AC(221)

Problem Substances : [Insulin](#) : CK(149) : AC(23)

[Dietary garlic and especially ginger have anti-diabetic effects.](#)

Pubmed Data : J Med Food. 2008 Mar;11(1):152-9. PMID: [18361751](#)

Article Published Date : Mar 01, 2008

Authors : Md Shahidul Islam, Haymie Choi

Study Type : Animal Study

Additional Links

Substances : [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184)

Diseases : [Diabetes Mellitus: Type 2](#) : CK(3572) : AC(624)

Pharmacological Actions : [Insulin-releasing](#) : CK(62) : AC(28)

Additional Keywords : [Insulinotropic](#) : CK(2) : AC(1)

Topic: [Malonaldehyde \(MDA\) Down-Regulation](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Diabetes Mellitus: Type 2](#) : CK(3572) : AC(624), [Insulin Resistance](#) : CK(1683) : AC(346), [Oxidative Stress](#) : CK(3871) : AC(1382)

Pharmacological Actions : [Antioxidants](#) : CK(7529) : AC(2682), [Hypoglycemic Agents](#) : CK(1446) : AC(342), [Insulin Sensitizers](#) : CK(350) : AC(70), [Malonaldehyde \(MDA\) Down-Regulation](#) : CK(20) : AC(6)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [ALT: Elevated](#) : CK(70) : AC(11), [AST: Elevated](#) : CK(46) : AC(6), [Liver Fibrosis](#) : CK(246) : AC(104)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Topic: [Interleukin-1 beta downregulation](#)

[Protective effects of ginger root extract on Alzheimer disease-induced behavioral dysfunction in rats.](#)

Pubmed Data : Rejuvenation Res. 2013 Apr ;16(2):124-33. PMID: [23374025](#)

Article Published Date : Mar 31, 2013

Authors : Gao-Feng Zeng, Zhi-Yong Zhang, Li Lu, De-Qiang Xiao, Shao-Hui Zong, Jian-Ming He

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Pharmacological Actions : [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Z. officinale paste could be used as natural spice and a potent antitumour agent.](#)

Pubmed Data : Appl Biochem Biotechnol. 2016 Jul 19. Epub 2016 Aug 19. PMID: [27435276](#)

Article Published Date : Jul 18, 2016

Authors : Sundararaj Rubila, Thottiam Vasudevan Ranganathan, Kunnathur Murugesan Sakthivel

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lymphoma: Dalton's : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Topic: [Anti-Allergic Agents](#)

[Ginger and constituent 6-gingerol could be used the prevention or alleviation of allergic rhinitis symptoms.](#)

Pubmed Data : J Nutr Biochem. 2015 Sep 1. Epub 2015 Sep 1. PMID: [26403321](#)

Article Published Date : Aug 31, 2015

Authors : Yoshiyuki Kawamoto, Yuki Ueno, Emiko Nakahashi, Momoko Obayashi, Kento Sugihara, Shanlou Qiao, Machiko Iida, Mayuko Y Kumasaka, Ichiro Yajima, Yuji Goto, Nobutaka Ohgami, Masashi Kato, Kozue Takeda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Allergic Rhinitis : CK\(392\) : AC\(52\)](#), [Allergic Rhinitis: Prevention : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Allergic Agents : CK\(167\) : AC\(61\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Topic: [Anti-Angiogenic](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag,

Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Anti-Glycation Agents](#)

[Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.](#)

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols : CK\(31\) : AC\(17\)](#), [EGCG \(Epigallocatechin gallate\) : CK\(1956\) : AC\(314\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Advanced Glycation End products \(AGE\) : CK\(231\) : AC\(73\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Nrf2 activation : CK\(177\) : AC\(86\)](#)

[These findings showed the potential effects of 6S and 6G on the prevention of protein glycation.](#)

Pubmed Data : Chem Res Toxicol. 2015 Aug 6. Epub 2015 Aug 6. PMID: [26247545](#)

Article Published Date : Aug 05, 2015

Authors : Yingdong Zhu, Yantao Zhao, Pei Wang, Mohamed Ahmedna, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Advanced Glycation Endproduct \(AGE\) Formation : CK\(7\) : AC\(3\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Antigiardial agents](#)

[Ginger and cinnamon extracts had potential therapeutic effects on G. lamblia infection in albino rats as a promising alternative therapy to the commonly used anti giardial drugs.](#)

Pubmed Data : Iran J Parasitol. 2014 Oct-Dec;9(4):530-40. PMID: [25759734](#)

Article Published Date : Sep 30, 2014

Authors : Abeer Mahmoud, Rasha Attia, Safaa Said, Zedan Ibraheim

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antigiardial agents : CK\(4\) : AC\(2\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(24\) : AC\(4\)](#)

Topic: Autophagy Up-regulation

Ginger extract inhibited cell proliferation and subsequently induced the autotic death of pancreatic cancer Panc-1 cells.

Pubmed Data : PLoS One. 2015 ;10(5):e0126605. Epub 2015 May 11. PMID: [25961833](#)

Article Published Date : Dec 31, 2014

Authors : Miho Akimoto, Mari Iizuka, Rie Kanematsu, Masato Yoshida, Keizo Takenaga

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Autophagy Up-regulation : CK\(108\) : AC\(65\)](#)

Topic: Bax/Bcl2 Ratio: Decrease

Ginger has significant anti-breast cancer properties.

Pubmed Data : J Biomed Biotechnol. 2012 ;2012:614356. Epub 2012 Aug 26. PMID: [22969274](#)

Article Published Date : Dec 31, 2011

Authors : Ayman I Elkady, Osama A Abuzinadah, Nabih A Baeshen, Tarek R Rahmy

Study Type : Insect Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bax/Bcl2 Ratio: Decrease : CK\(15\) : AC\(9\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#)

Topic: Calcium Channel Blockers

Ginger lowers blood pressure through blockade of voltage-dependent calcium channels.

Pubmed Data : J Cardiovasc Pharmacol. 2005 Jan;45(1):74-80. PMID: [15613983](#)

Article Published Date : Jan 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#), [Calcium Channel Blockers : CK\(87\) : AC\(23\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Chemosensitizer

Ginger has therapeutic properties relevant to cancer treatment.

Pubmed Data : J BUON. 2011 Jul-Sep;16(3):414-24. PMID: [22006742](#)

Article Published Date : Jul 01, 2011

Authors : M M Pereira, R Haniadka, P P Chacko, P L Palatty, M S Baliga

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Cancers: Drug Resistant : CK\(352\) : AC\(223\)](#)
Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Chemosensitizer : CK\(394\) : AC\(286\)](#),
[Radioprotective : CK\(756\) : AC\(262\)](#)

[This study showed the functions of shogaol as a sensitizing agent to induce cell death of TRAIL-resistant colon cancer cells.](#)

Pubmed Data : Tumour Biol. 2015 Jun 11. Epub 2015 Jun 11. PMID: [26063410](#)

Article Published Date : Jun 10, 2015

Authors : Jung Soon Hwang, Hai-Chon Lee, Sang Cheul Oh, Dae-Hee Lee, Ki Han Kwon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#),

[Chemosensitizer : CK\(394\) : AC\(286\)](#), [Survivin Down-Regulation : CK\(15\) : AC\(13\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Cytoprotective

[Turmeric and ginger were effective in eliminating arsenic from the body but could protect from possible damage caused by arsenic exposure.](#)

Pubmed Data : J Ethnopharmacol. 2016 Aug 2. Epub 2016 Aug 2. PMID: [27496583](#)

Article Published Date : Aug 01, 2016

Authors : Suman Biswas, Chinmoy Maji, Prasanta Kumar Sarkar, Samar Sarkar, Abichal Chattopadhyay, Tapan Kumar Mandal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Cytoprotective : CK\(190\) : AC\(94\)](#), [Detoxifier : CK\(408\) : AC\(131\)](#)

Topic: Detoxifier

[Turmeric and ginger were effective in eliminating arsenic from the body but could protect from possible damage caused by arsenic exposure.](#)

Pubmed Data : J Ethnopharmacol. 2016 Aug 2. Epub 2016 Aug 2. PMID: [27496583](#)

Article Published Date : Aug 01, 2016

Authors : Suman Biswas, Chinmoy Maji, Prasanta Kumar Sarkar, Samar Sarkar, Abichal Chattopadhyay, Tapan Kumar Mandal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Cytoprotective : CK\(190\) : AC\(94\)](#), [Detoxifier : CK\(408\) : AC\(131\)](#)

Topic: Enzyme Inhibitors: Pancreatic Lipase

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed](#)

[situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#)

Diseases : [Fat Malabsorption : CK\(2\) : AC\(1\)](#), [Indigestion: Fats : CK\(2\) : AC\(1\)](#), [Steatorrhea : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase : CK\(12\) : AC\(2\)](#)

Topic: Gastroprotective

[Turmeric and ginger essential oils could reduce the gastric ulcers in rat stomachs.](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2015 Jan ;26(1):95-103. PMID: [24756059](#)

Article Published Date : Dec 31, 2014

Authors : Vijayasteltar B Liju, Kottarapat Jeena, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric: Volatile Oils : CK\(1\) : AC\(1\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#)

Pharmacological Actions : [Gastroprotective : CK\(155\) : AC\(73\)](#)

Additional Keywords : [Plant Oils : CK\(55\) : AC\(24\)](#)

Topic: Immunostimulatory

[Dietary intake of C. longa and Z. officinale potentiates the non-specific host defences against opportunistic infections.](#)

Pubmed Data : Cell Immunol. 2012 Nov ;280(1):92-100. Epub 2012 Dec 10. PMID: [23295981](#)

Article Published Date : Oct 31, 2012

Authors : Biswajit Chakraborty, Mahuya Sengupta

Study Type : Animal Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Curcuminoids : CK\(4224\) : AC\(2161\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Pharmacological Actions : [Immunostimulatory : CK\(265\) : AC\(60\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Interleukin-10 downregulation

[Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.](#)

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension](#) : CK(2984) : AC(406), [Inflammation](#) : CK(3240) : AC(882)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Interleukin-10 downregulation](#) : CK(128) : AC(45), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1823) : AC(669)

Topic: [Prophylactic Agents](#)

[Ginger extract improved antioxidant enzymes activity and reduced tHcy and MDA levels.](#)

Pubmed Data : Iran J Med Sci. 2016 May ;41(3 Suppl):S71. PMID: [27840537](#)

Article Published Date : Apr 30, 2016

Authors : Abolfazl Akbari, Khadijeh Nasiri, Mojtaba Heydari, Seyed Hamdollah Mosavat

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Alcohol Toxicity](#) : CK(337) : AC(125)

Pharmacological Actions : [Prophylactic Agents](#) : CK(129) : AC(31)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: [Prostaglandin Antagonists](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Brain: Microglial Activation](#) : CK(82) : AC(53), [Brain Inflammation](#) : CK(274) : AC(145), [Inflammation](#) : CK(3240) : AC(882), [Lipopolysaccharide-Induced Toxicity](#) : CK(380) : AC(218), [Neurodegenerative Diseases](#) : CK(3376) : AC(850)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors](#) : CK(464) : AC(272), [NF-kappaB Inhibitor](#) : CK(1114) : AC(694),

[Nitric Oxide Inhibitor](#) : CK(223) : AC(108), [Prostaglandin Antagonists](#) : CK(27) : AC(13)

Topic: [Proton Pump Inhibitor](#)

[Ginger has a gastroprotective effect through its acid blocking and anti-Helico bacter pylori activity.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2009 Jul 1. PMID: [19570992](#)

Article Published Date : Jul 01, 2009

Authors : Siddaraju M Nanjundaiah, Harish Nayaka Mysore Annaiah, Shylaja M Dharmesh

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Acid Reflux](#) : CK(298) : AC(43), [Gastroesophageal Reflux](#) : CK(299) : AC(44), [Helicobacter Pylori Infection](#) : CK(506) : AC(104)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1367) : AC(475), [Proton Pump Inhibitor](#) : CK(36) : AC(13)

Additional Keywords : [Natural Substances Versus Drugs](#) : CK(1698) : AC(302), [Prevacid \(Lansoprazole\) Alternatives](#) : CK(6) : AC(3)

Topic: [Spermatogenic](#)

[Combined ginger and cinnamon have significant beneficial effects on the sperm viability, motility, and serum total testosterone, LH,FSH and serum anti-oxidants level](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2014 ;11(4):1-8. Epub 2014 Jun 4. PMID: [25392573](#)

Article Published Date : Dec 31, 2013

Authors : Arash Khaki, Amir Afshin Khaki, Laleh Hajhosseini, Farhad Sadeghpour Golzar, Nava Ainehchi

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Spermatogenic : CK\(12\) : AC\(2\)](#)

Topic: [Vascular Endothelial Growth Factor Inhibitors](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Anti-Platelet](#)

[Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and may be useful as natural antithrombotic agents.](#)

Pubmed Data : Biomed Biochim Acta. 1984;43(8-9):S335-46. PMID: [6440548](#)

Article Published Date : Jan 01, 1984

Authors : K C Srivastava

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#)

Diseases : [Thrombosis : CK\(316\) : AC\(81\)](#)

Pharmacological Actions : [Anti-Platelet : CK\(125\) : AC\(38\)](#), [Anti-thrombotic : CK\(56\) : AC\(24\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Anti-thrombotic](#)

[Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and may be useful as natural antithrombotic agents.](#)

Pubmed Data : Biomed Biochim Acta. 1984;43(8-9):S335-46. PMID: [6440548](#)

Article Published Date : Jan 01, 1984

Authors : K C Srivastava

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#)

Diseases : [Thrombosis : CK\(316\) : AC\(81\)](#)

Pharmacological Actions : [Anti-Platelet : CK\(125\) : AC\(38\)](#), [Anti-thrombotic : CK\(56\) : AC\(24\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Antispasmodic](#)

[Ginger is useful in gastrointestinal disorders due to its spasmolytic activity.](#)

Pubmed Data : Dig Dis Sci. 2005 Oct;50(10):1889-97. PMID: [16187193](#)

Article Published Date : Oct 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colic : CK\(135\) : AC\(18\)](#), [Diarrhea : CK\(612\) : AC\(83\)](#), [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Antispasmodic : CK\(132\) : AC\(32\)](#)

Topic: [Autophagy Inhibitors](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parmeet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

Topic: [Enzyme Inhibitors](#)

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

Authors : Orapan Poachanukoon, Ladda Meesuk, Napaporn Pattanacharoenchai, Paopanga Monthanapisut, Thaweephol Dechatiwongse Na Ayudhya, Sittichai Koontongkaew

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Allergic Airway Diseases : CK\(69\) : AC\(25\)](#), [Allergies : CK\(703\) : AC\(132\)](#), [Hypersensitivity: Respiratory : CK\(11\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Food Preservatives](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Histone deacetylase inhibitor](#)

[Zingiber zerumbet \(a member of the ginger family\) contains compounds that inhibit histone deacetylase and exhibited growth inhibitory activity on various human tumor cell lines.](#)

Pubmed Data : Pharmazie. 2008 Oct;63(10):774-6. PMID: [18972844](#)

Article Published Date : Oct 01, 2008

Authors : Ill-Min Chung, Min-Young Kim, Won-Hwan Park, Hyung-In Moon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tumors : CK\(203\) : AC\(119\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Histone deacetylase inhibitor : CK\(48\) : AC\(37\)](#)

Topic: [Matrix metalloproteinase-2 \(MMP-2\) inhibitor](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

Topic: [Matrix metalloproteinase-9 \(MMP-9\) inhibitor](#)

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

Authors : Orapan Poachanukoon, Ladda Meesuk, Napaporn Pattanacharoenchai, Paopanga Monthanapisut, Thaweephon Dechatiwongse Na Ayudhya, Sittichai Koontongkaew

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Allergic Airway Diseases : CK\(69\) : AC\(25\)](#), [Allergies : CK\(703\) : AC\(132\)](#), [Hypersensitivity: Respiratory : CK\(11\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Nrf2 activation](#)

[Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.](#)

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols : CK\(31\) : AC\(17\)](#), [EGCG \(Epigallocatechin gallate\) : CK\(1956\) : AC\(314\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Advanced Glycation End products \(AGE\) : CK\(231\) : AC\(73\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Nrf2 activation : CK\(177\) : AC\(86\)](#)

Topic: [Phase II Detoxification Enzyme Inducer](#)

[Ginger contains the compound zerumbone, which may have chemopreventive activity through activating phase II drug metabolizing enzymes.](#)

Pubmed Data : FEBS Lett. 2004 Aug 13;572(1-3):245-50. PMID: [15304356](#)

Article Published Date : Aug 13, 2004

Authors : Yoshimasa Nakamura, Chiho Yoshida, Akira Murakami, Hajime Ohigashi, Toshihiko Osawa, Koji Uchida

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Phase II Detoxification Enzyme Inducer : CK\(78\) : AC\(40\)](#)

Topic: [Survivin Down-Regulation](#)

[This study showed the functions of shogaol as a sensitizing agent to induce cell death of TRAIL-resistant colon cancer cells.](#)

Pubmed Data : Tumour Biol. 2015 Jun 11. Epub 2015 Jun 11. PMID: [26063410](#)

Article Published Date : Jun 10, 2015

Authors : Jung Soon Hwang, Hai-Chon Lee, Sang Cheul Oh, Dae-Hee Lee, Ki Han Kwon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Chemotherapeutic : CK\(394\) : AC\(286\)](#), [Survivin Down-Regulation : CK\(15\) : AC\(13\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: TRAIL sensitizer

Gingerol is a sensitizing agent which induces cell death of TRAIL resistant glioblastoma cells.

Pubmed Data : Toxicol Appl Pharmacol. 2014 Sep 15 ;279(3):253-65. Epub 2014 Jul 14. PMID: [25034532](#)

Article Published Date : Sep 14, 2014

Authors : Dae-Hee Lee, Dong-Wook Kim, Chang-Hwa Jung, Yong J Lee, Daeho Park

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Glioblastoma : CK\(200\) : AC\(88\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [TRAIL sensitizer : CK\(3\) : AC\(2\)](#)

Additional Keywords : [Apoptosis Regulatory Proteins : CK\(1\) : AC\(1\)](#)

Topic: Telomerase Inhibitor

Ginger exhibits anti-lung cancer properties.

Pubmed Data : J Med Food. 2010 Dec;13(6):1347-54. PMID: [21091248](#)

Article Published Date : Dec 01, 2010

Authors : Wirote Tuntiwechapikul, Thanachai Taka, Chonnipa Songsomboon, Navakoon Kaewtunjai, Arisa Imsumran, Luksana Makonkawkeyoon, Wilart Pompimon, T Randall Lee

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Telomerase Inhibitor : CK\(55\) : AC\(35\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Wnt/ β -catenin signaling pathway modulation

The combination of Gelam honey and ginger may serve as a potential therapy in the treatment of colorectal cancer.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(15):6549-56. PMID: [26434873](#)

Article Published Date : Dec 31, 2014

Authors : Lee Heng Wee, Noor Azian Morad, Goon Jo Aan, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Wnt/ \$\beta\$ -catenin signaling pathway modulation : CK\(36\) : AC\(24\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#), [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: β -secretase Inhibitor

Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Long Pepper : CK\(15\) : AC\(9\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [β-secretase Inhibitor : CK\(1\) : AC\(1\)](#)

Category: Substances

Topic: [Ginger](#)

[Collectively these RCTs provide suggestive evidence for the effectiveness of 750-2000 mg ginger powder during the first 3-4 days of menstrual cycle for primary dysmenorrhea.](#)

Pubmed Data : Pain Med. 2015 Jul 14. Epub 2015 Jul 14. PMID: [26177393](#)

Article Published Date : Jul 13, 2015

Authors : James W Daily, Xin Zhang, Da Sol Kim, Sunmin Park

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Zingiberaceae extracts are clinically effective hypoalgesic agents and the available data show a better safety profile than non steroidal anti inflammatory drugs.](#)

Pubmed Data : Nutr J. 2015 ;14:50. Epub 2015 May 14. PMID: [25972154](#)

Article Published Date : Dec 31, 2014

Authors : Shaheen E Lakhan, Christopher T Ford, Deborah Tepper

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Chronic Pain : CK\(206\) : AC\(33\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

Problem Substances : [Non-Steroidal Anti-Inflammatory Drugs \(NSAIDs\) : CK\(1905\) : AC\(215\)](#)

[3 months supplementation of ginger improved glycemic indices, TAC and PON-1 activity in patients with type 2 diabetes.](#)

Pubmed Data : J Complement Integr Med. 2015 Feb 10. Epub 2015 Feb 10. PMID: [25719344](#)

Article Published Date : Feb 09, 2015

Authors : Farzad Shidfar, Asadollah Rajab, Tayebah Rahideh, Nafiseh Khandouzi, Sharieh Hosseini, Shahrzad Shidfar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein \(CRP\) : CK\(20\) : AC\(2\)](#), [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#), [Hyperglycemia : CK\(539\) : AC\(130\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[A standardized extract of ginger and artichoke significantly promoted gastric emptying in healthy volunteers.](#)

Pubmed Data : Eur Rev Med Pharmacol Sci. 2016 Jan ;20(1):146-9. PMID: [26813467](#)

Article Published Date : Dec 31, 2015

Authors : S Lazzini, W Polinelli, A Riva, P Morazzoni, E Bombardelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Delayed Gastric Emptying : CK\(107\) : AC\(13\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A statistically significant change from baseline for health related quality of life was detected after ginger essential oil inhalation.](#)

Pubmed Data : Complement Ther Med. 2015 Jun ;23(3):396-404. Epub 2015 Apr 21. PMID: [26051575](#)

Article Published Date : May 31, 2015

Authors : Pei Lin Lua, Noor Salihah, Nik Mazlan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Quality of Life: Poor : CK\(448\) : AC\(46\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Aroma-massage therapy with ginger and orange oil have potential as an alternative method for short-term knee pain relief.](#)

Pubmed Data : Microbes Infect. 2006 May;8(6):1450-4. Epub 2006 Mar 29. PMID: [18534325](#)

Article Published Date : May 01, 2006

Authors : Yin Bing Yip, Ada Chung Ying Tam

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Orange : CK\(170\) : AC\(35\)](#)

Diseases : [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#), [Massage/Therapeutic Touch : CK\(810\) : AC\(81\)](#)

[Aromatherapy is promising as an inexpensive, noninvasive treatment for postoperative nausea that can be administered and controlled by patients as needed.](#)

Pubmed Data : Anesth Analg. 2013 Sep ;117(3):597-604. Epub 2012 Mar 5. PMID: [22392970](#)

Article Published Date : Aug 31, 2013

Authors : Ronald Hunt, Jacqueline Dienemann, H James Norton, Wendy Hartley, Amanda Hudgens, Thomas Stern, George Divine

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Peppermint : CK\(333\) : AC\(53\)](#), [Spearmint : CK\(45\) : AC\(7\)](#)

Diseases : [Nausea: Post-Operative : CK\(31\) : AC\(4\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Comparable efficacy of standardized Ayurveda formulation and hydroxychloroquine sulfate](#)

[\(HCQS\) in the treatment of rheumatoid arthritis \(RA\).](#)

Pubmed Data : Clin Rheumatol. 2012 Feb ;31(2):259-69. Epub 2011 Jul 20. PMID: [21773714](#)

Article Published Date : Jan 31, 2012

Authors : Arvind Chopra, Manjit Saluja, Girish Tillu, Anuradha Venugopalan, Gumdal Narsimulu, Rohini Handa, Lata Bichile, Ashwinikumar Raut, Sanjeev Sarmukaddam, Bhushan Patwardhan

Study Type : Human Study

Additional Links

Substances : [Ayurvedic Formulations : CK\(135\) : AC\(22\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Rheumatoid Arthritis : CK\(706\) : AC\(117\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Hydroxychloroquine sulfate : CK\(10\) : AC\(1\)](#)

[Daily administration of 1,000 mg ginger reduces serum triglyceride concentration, which is a risk factor for cardiovascular disease in peritoneal dialysis patients.](#)

Pubmed Data : Perit Dial Int. 2015 Oct 16. Epub 2015 Oct 16. PMID: [26475844](#)

Article Published Date : Oct 15, 2015

Authors : Hadi Tabibi, Hossein Imani, Shahnaz Atabak, Iraj Najafi, Mehdi Hedayati, Leila Rahmani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cardiovascular Disease: Prevention : CK\(3250\) : AC\(433\)](#), [Hemodialysis : CK\(463\) : AC\(49\)](#), [Triglycerides: Elevated : CK\(718\) : AC\(117\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

[Effect of treatment with ginger on the severity of premenstrual syndrome symptoms.](#)

Pubmed Data : ISRN Obstet Gynecol. 2014 ;2014:792708. Epub 2014 May 4. PMID: [24944825](#)

Article Published Date : Dec 31, 2013

Authors : Samira Khayat, Masoomeh Kheirkhah, Zahra Behboodi Moghadam, Hamed Fanaei, Amir Kasaeian, Mani Javadimehr

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Premenopausal Disorders : CK\(60\) : AC\(3\)](#)

[Ginger \(Zingiber officinale\) reduces acute chemotherapy-induced nausea.](#)

Pubmed Data : Support Care Cancer. 2012 Jul ;20(7):1479-89. Epub 2011 Aug 5. PMID: [21818642](#)

Article Published Date : Jun 30, 2012

Authors : Julie L Ryan, Charles E Heckler, Joseph A Roscoe, Shaker R Dakhil, Jeffrey Kirshner, Patrick J Flynn, Jane T Hickok, Gary R Morrow

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

[Ginger and artichoke leaf extracts appears efficacious in the treatment of functional dyspepsia and could represent a promising and safe treatment strategy for this frequent disease.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:915087. Epub 2015 Apr 14. PMID: [25954317](#)

Article Published Date : Dec 31, 2014

Authors : Attilio Giacosa, Davide Guido, Mario Grassi, Antonella Riva, Paolo Morazzoni, Ezio Bombardelli, Simone Perna, Milena A Faliva, Mariangela Rondanelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Ginger and cinnamon intake have positive effects on inflammation and muscle soreness endured by exercise in Iranian female athletes.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S11-5. PMID: [23717759](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Awat Feizi, Mitra Hariri, Leila Darvishi, Azam Barani, Maryam Taghiyar, Afshin Shiranian, Maryam Hajishafiee

Study Type : Human Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Muscle Soreness: Exercise-Induced : CK\(164\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

[Ginger and Vitamin B6 are both effective in treating nausea and vomiting in pregnancy.](#)

Pubmed Data : Midwifery. 2008 Feb 11. PMID: [18272271](#)

Article Published Date : Feb 11, 2008

Authors : Jenabi Ensiyeh, Mohammad-Alizadeh C Sakineh

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Vitamin B-6 : CK\(435\) : AC\(54\)](#)

Diseases : [Nausea: Pregnancy-Associated : CK\(21\) : AC\(3\)](#)

[Ginger compares favorably to the drug sumatriptan for migraine headaches, but with lower side effects.](#)

Pubmed Data : Phytother Res. 2013 May 9. Epub 2013 May 9. PMID: [23657930#](#)

Article Published Date : May 08, 2013

Authors : Maghbooli Mehdi, Golipour Farhad, Moghimi Esfandabadi Alireza, Yousefi Mehran

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Migraines : CK\(20\) : AC\(2\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

[Ginger consumption enhances the thermic effect of food and promotes feelings of satiety without affecting metabolic and hormonal parameters in overweight men.](#)

Pubmed Data : Metabolism. 2012 Oct ;61(10):1347-52. Epub 2012 Apr 24. PMID: [22538118](#)

Article Published Date : Sep 30, 2012

Authors : Muhammad S Mansour, Yu-Ming Ni, Amy L Roberts, Michael Kelleman, Arindam Roychoudhury, Marie-Pierre St-Onge

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Overweight : CK\(3320\) : AC\(544\)](#), [Weight Problems: Appetite : CK\(162\) : AC\(22\)](#)

Pharmacological Actions : [Thermogenic : CK\(57\) : AC\(9\)](#)

[Ginger extract can be used for the prevention of nausea and vomiting during cesarean section under spinal anesthesia.](#)

Pubmed Data : Anesth Pain Med. 2016 Oct ;6(5):e38943. Epub 2016 Aug 15. PMID: [27847700](#)

Article Published Date : Sep 30, 2016

Authors : Hossein Zeraati, Javad Shahinfar, Shiva Imani Hesari, Mahnaz Masrorniya, Fatemeh Nasimi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cesarean Section : CK\(492\) : AC\(39\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract reduces delayed gastric emptying and nosocomial pneumonia in adult respiratory distress syndrome patients hospitalized in an intensive care unit.](#)

Pubmed Data : J Crit Care. 2010 Feb 9. Epub 2010 Feb 9. PMID: [20149584](#)

Article Published Date : Feb 09, 2010

Authors : Zahra Vahdat Shariatpanahi, Fourogh Azam Taleban, Majid Mokhtari, Shaahin Shahbazi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastroparesis : CK\(107\) : AC\(13\)](#), [Pneumonia : CK\(409\) : AC\(55\)](#), [Respiratory Distress Syndrome : CK\(11\) : AC\(2\)](#)

[Ginger has a beneficial effect on type 2 diabetics.](#)

Pubmed Data : Int J Food Sci Nutr. 2013 Mar 18. Epub 2013 Mar 18. PMID: [23496212](#)

Article Published Date : Mar 17, 2013

Authors : Sepide Mahluji, Vahide Ebrahimzade Attari, Majid Mobasser, Laleh Payahoo, Alireza Ostadrahimi, Samad Ej Golzari

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

[Ginger has a significant lipid lowering effect compared to placebo.](#)

Pubmed Data : Saudi Med J. 2008 Sep;29(9):1280-4. PMID: [18813412](#)

Article Published Date : Sep 01, 2008

Authors : Reza Alizadeh-Navaei, Fatemeh Roozbeh, Mehrdad Saravi, Mehdi Pouramir, Farzad Jalali, Ali A Moghadamnia

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: High : CK\(1226\) : AC\(195\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#), [Hypercholesterolemia : CK\(1428\) : AC\(227\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

[Ginger has a therapeutic effect on motion sickness.](#)

Pubmed Data : Nutr Cancer. 2007;58(1):60-5. PMID: [12576305](#)

Article Published Date : Jan 01, 2007

Authors : Han-Chung Lien, Wei Ming Sun, Yen-Hsueh Chen, Hyerang Kim, William Hasler, Chung Owyang

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Motion Sickness](#) : CK(10) : AC(1)

Pharmacological Actions : [Vasopressin Inhibitor](#) : CK(12) : AC(2)

[Ginger has reduces symptoms of osteoarthritis of the knee.](#)

Pubmed Data : Arthritis Rheum. 2001 Nov;44(11):2531-8. PMID: [11710709](#)

Article Published Date : Nov 01, 2001

Authors : R D Altman, K C Marcussen

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Osteoarthritis: Knee](#) : CK(517) : AC(53)

[Ginger is a potential cognitive enhancer for middle-aged women.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:383062. Epub 2011 Dec 22. PMID: [22235230](#)

Article Published Date : Jan 01, 2012

Authors : Naritsara Saenghong, Jintanaporn Wattanathorn, Supaporn Muchimapura, Terdthai Tongun, Nawanant Piyavhatkul, Chuleratana Banchonglikitkul, Tanwarat Kajsongkram

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Cognitive Decline/Dysfunction](#) : CK(1163) : AC(215)

[Ginger is a promising natural galactagogue to improve breast milk volume in the immediate postpartum period without any notable side effect.](#)

Pubmed Data : Breastfeed Med. 2016 Aug 9. Epub 2016 Aug 9. PMID: [27505611](#)

Article Published Date : Aug 08, 2016

Authors : Panwara Paritakul, Kasem Ruangrongmorakot, Wipada Laosooksathit, Maysita Suksamarnwong, Pawin Puapornpong

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Breast Milk: Inadequate/Poor Quality](#) : CK(110) : AC(10)

Pharmacological Actions : [Galactagogue](#) : CK(73) : AC(8)

[Ginger is an aldose reductase inhibitor which may have contribute to the protection against diabetic complications.](#)

Pubmed Data : J Agric Food Chem. 2006 Sep 6;54(18):6640-4. PMID: [16939321](#)

Article Published Date : Sep 06, 2006

Authors : Atsushi Kato, Yasuko Higuchi, Hirozo Goto, Haruhisa Kizu, Tadashi Okamoto, Naoki Asano, Jackie Hollinshead, Robert J Nash, Isao Adachi

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184)

Diseases : [Diabetes Mellitus: Type 1](#) : CK(1130) : AC(301), [Diabetes Mellitus: Type 2](#) : CK(3572) : AC(624)

Pharmacological Actions : [Aldose reductase inhibitor](#) : CK(15) : AC(4)

[Ginger is an effective supplement for heavy menstrual bleeding.](#)

Pubmed Data : Phytother Res. 2014 Oct 8. Epub 2014 Oct 8. PMID: [25298352](#)

Article Published Date : Oct 07, 2014

Authors : Farzaneh Kashefi, Marjan Khajehei, Mohammad Alavinia, Ebrahim Golmakani, Javad Asili

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bleeding: Excessive : CK\(12\) : AC\(2\)](#), [Menorrhagia : CK\(32\) : AC\(5\)](#), [Uterine Bleeding : CK\(20\) : AC\(1\)](#)

[Ginger is as effective as mefenamic acid and ibuprofen in relieving pain in women with primary dysmenorrhea.](#)

Pubmed Data : J Altern Complement Med. 2009 Feb 13. PMID: [19216660](#)

Article Published Date : Feb 13, 2009

Authors : Giti Ozgoli, Marjan Goli, Fariborz Moattar

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Additional Keywords : [Ibuprofen Alternatives : CK\(57\) : AC\(14\)](#), [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#)

[Ginger powder supplementation can reduce inflammatory markers in patients with knee osteoarthritis.](#)

Pubmed Data : J Tradit Complement Med. 2016 Jul ;6(3):199-203. Epub 2015 Jan 28. PMID: [27419081](#)

Article Published Date : Jun 30, 2016

Authors : Zahra Naderi, Hassan Mozaffari-Khosravi, Ali Dehghan, Azadeh Nadjarzadeh, Hassan Fallah Huseini

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [C-Reactive Protein : CK\(1852\) : AC\(174\)](#), [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

[Ginger reduces chemotherapy-induced nausea.](#)

Pubmed Data : Integr Cancer Ther. 2012 Feb 7. Epub 2012 Feb 7. PMID: [22313739](#)

Article Published Date : Feb 07, 2012

Authors : Yunes Panahi, Alireza Saadat, Amirhossein Sahebkar, Farshad Hashemian, Mojgan Taghikhani, Ehsan Abolhasani

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

[Ginger reduces the tendency to vomiting and cold sweating due to seasickness significantly better than placebo.](#)

Pubmed Data : Acta Otolaryngol. 1988 Jan-Feb;105(1-2):45-9. PMID: [3277342](#)

Article Published Date : Jan 01, 1988

Authors : A Grøntved, T Brask, J Kambskard, E Hentzer

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Nausea : CK\(50\) : AC\(5\)](#), [Nausea: Sea-Sickness : CK\(10\) : AC\(1\)](#)

[Ginger root powder is effective in reducing severity of acute and delayed chemotherapy-induced nausea and vomiting as additional therapy to ondansetron and dexamethasone in patients receiving chemotherapy.](#)

Pubmed Data : Pediatr Blood Cancer. 2010 Sep 14. Epub 2010 Sep 14. PMID: [20842754](#)

Article Published Date : Sep 14, 2010

Authors : Anu Kochanujan Pillai, Kamlesh K Sharma, Yogendra K Gupta, Sameer Bakhshi

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity : CK\(1033\) : AC\(327\)](#), [Nausea: Chemotherapy-Induced : CK\(70\) : AC\(6\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

[**Ginger root reduces vertigo in human subjects.**](#)

Pubmed Data : ORL J Otorhinolaryngol Relat Spec. 1986;48(5):282-6. PMID: [3537898](#)

Article Published Date : Jan 01, 1986

Authors : A Grøntved, E Hentzer

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Vertigo : CK\(61\) : AC\(6\)](#)

[**Ginger stimulates gastric emptying in patients with functional dyspepsia.**](#)

Pubmed Data : World J Gastroenterol. 2011 Jan 7;17(1):105-10. PMID: [21218090](#)

Article Published Date : Jan 07, 2011

Authors : Ming-Luen Hu, Christophan K Rayner, Keng-Liang Wu, Seng-Kee Chuah, Wei-Chen Tai, Yeh-Pin Chou, Yi-Chun Chiu, King-Wah Chiu, Tsung-Hui Hu

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dyspepsia : CK\(254\) : AC\(29\)](#)

[**Ginger supplementation is an effective treatment for type 2 diabetes.**](#)

Pubmed Data : Int J Food Sci Nutr. 2014 Feb 4. Epub 2014 Feb 4. PMID: [24490949](#)

Article Published Date : Feb 03, 2014

Authors : Tahereh Arablou, Naheed Aryaeian, Majid Valizadeh, Faranak Sharifi, Aghafatemeh Hosseini, Mahmoud Djalali

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Aldose reductase inhibitor : CK\(15\) : AC\(4\)](#)

[**Ginger supplementation may be used to accelerate recovery of muscle strength following intense exercise**](#)

Pubmed Data : Phytother Res. 2015 Jun ;29(6):887-93. Epub 2015 Mar 18. PMID: [25787877](#)

Article Published Date : May 31, 2015

Authors : Melissa D Matsumura, Gerald S Zavorsky, James M Smoliga

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Damage : CK\(2\) : AC\(1\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Additional Keywords : [Supplementation : CK\(413\) : AC\(60\)](#)

[**Ginger supplementation with antitubercular treatment significantly lowered TNF alpha, ferritin and MDA concentrations.**](#)

Pubmed Data : J Complement Integr Med. 2016 Jun 1 ;13(2):201-6. PMID: [27089418](#)

Article Published Date : May 31, 2016

Authors : Rashmi Anant Kulkarni, Ajit Ramesh Deshpande

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tuberculosis : CK\(312\) : AC\(54\)](#)

Therapeutic Actions : [Integrative Medicine : CK\(312\) : AC\(45\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Malondialdehyde Down-regulation : CK\(554\) : AC\(152\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Ginger syrup may be effective as an antiemetic in early pregnancy.](#)

Pubmed Data : Altern Ther Health Med. 2002 Sep-Oct;8(5):89-91. PMID: [12233808](#)

Article Published Date : Sep 01, 2002

Authors : Angela Keating, Ronald A Chez

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Morning Sickness : CK\(50\) : AC\(5\)](#)

[Ginger-salt moxibustion is therapeutic for poststroke urinary disorders.](#)

Pubmed Data : Zhongguo Zhen Jiu. 2006 Sep;26(9):621-4. PMID: [17036477](#)

Article Published Date : Sep 01, 2006

Authors : Hui-lin Liu, Lin-peng Wang

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Neurogenic Bladder : CK\(91\) : AC\(10\)](#), [Stroke: PostStroke Urinary Disorders : CK\(10\) : AC\(1\)](#)

Therapeutic Actions : [Moxibustion : CK\(274\) : AC\(28\)](#)

[Lavender and ginger oil reduce distress levels in children before undergoing anesthesia.](#)

Pubmed Data : J Perianesth Nurs. 2009 Oct;24(5):307-12. PMID: [19853815](#)

Article Published Date : Oct 01, 2009

Authors : DeeAnn Nord, John Belew

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Lavender : CK\(363\) : AC\(45\)](#)

Diseases : [Anxiety: Preoperative : CK\(30\) : AC\(3\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

[Nausea severity and the number of vomiting episodes were significantly lower in the Ginger intervention group than in the control group.](#)

Pubmed Data : Clin J Oncol Nurs. 2015 Oct 1 ;19(5):E92-E97. PMID: [26414587](#)

Article Published Date : Sep 30, 2015

Authors : Müzeyyen Arslan, Leyla Ozdemir

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

[Protein and ginger may have therapeutic value in the treatment of chemotherapy-induced delayed nausea.](#)

Pubmed Data : J Altern Complement Med. 2008 Jun;14(5):545-51. PMID: [18537470](#)

Article Published Date : Jun 01, 2008

Authors : Max E Levine, Marcum G Gillis, Sara Yanchis Koch, Anne C Voss, Robert M Stern, Kenneth L Koch

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Protein Supplement : CK\(73\) : AC\(7\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Nausea : CK\(50\) : AC\(5\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

[The effect of ginger powder supplementation on insulin resistance and glycemic indices in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial.](#)

Pubmed Data : Complement Ther Med. 2014 Feb ;22(1):9-16. Epub 2014 Jan 8. PMID: [24559810](#)

Article Published Date : Jan 31, 2014

Authors : Hassan Mozaffari-Khosravi, Behrouz Talaei, Beman-Ali Jalali, Azadeh Najarzadeh, Mohammad Reza Mozayan

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Glycation/A1C : CK\(210\) : AC\(33\)](#), [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Diabetes Mellitus: Type 2: Prevention : CK\(651\) : AC\(86\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Treatment of primary dysmenorrhea in students with ginger for 5 days had a statistically significant effect on relieving intensity and duration of pain.](#)

Pubmed Data : BMC Complement Altern Med. 2012 ;12:92. Epub 2012 Jul 10. PMID: [22781186](#)

Article Published Date : Dec 31, 2011

Authors : Parvin Rahnama, Ali Montazeri, Hassan Fallah Huseini, Saeed Kianbakht, Mohsen Naseri

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dysmenorrhea : CK\(445\) : AC\(45\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Two grams of ginger may have anti-inflammation and analgesic effect on delayed onset muscle soreness.](#)

Pubmed Data : Med J Islam Repub Iran. 2015 ;29:261. Epub 2015 Sep 12. PMID: [26793652](#)

Article Published Date : Dec 31, 2014

Authors : Khadijeh Hoseinzadeh, Farhad Daryanoosh, Parvin Javad Baghdasar, Hamid Alizadeh

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-gingerol a component of ginger is extensively metabolized in H-1299 human lung cancer cells.](#)

Pubmed Data : J Agric Food Chem. 2012 Nov 14 ;60(45):11372-7. Epub 2012 Nov 6. PMID: [23066935](#)

Article Published Date : Nov 13, 2012

Authors : Lishuang Lv, Huadong Chen, Dominique Soroka, Xiaoxin Chen, TinChung Leung, Shengmin Sang

Study Type : Animal Study, Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers : CK\(7\) : AC\(3\)](#), [Carcinoma: Non-Small-Cell Lung : CK\(134\) : AC\(71\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#)

Additional Keywords : [Biotransformation : CK\(5\) : AC\(1\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Fresh ginger \(Zingiber officinale\) has anti-viral activity against human respiratory syncytial virus in human respiratory tract cell lines.](#)

Pubmed Data : J Ethnopharmacol. 2012 Nov 1. Epub 2012 Nov 1. PMID: [23123794](#)

Article Published Date : Oct 31, 2012

Authors : Jung San Chang, Kuo Chih Wang, Chia Feng Yeh, Den En Shieh, Lien Chai Chiang

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Respiratory Syncytial Virus Infections : CK\(76\) : AC\(24\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Fresh Versus Dried Potencies : CK\(5\) : AC\(1\)](#)

[Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

["6\]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice."](#)

Pubmed Data : Toxicol Lett. 2012 Jan 10 ;210(1):34-43. Epub 2012 Jan 10. PMID: [22285432](#)

Article Published Date : Jan 10, 2012

Authors : Debrup Chakraborty, Avinaba Mukherjee, Sourav Sikdar, Avijit Paul, Samrat Ghosh, Anisur Rahman Khuda-Bukhsh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

["Ginger extract \(Zingiber officinale\) has anti-cancer and anti-inflammatory effects on ethionine-induced hepatoma rats."](#)

Pubmed Data : Clinics (Sao Paulo). 2008 Dec ;63(6):807-13. PMID: [19061005](#)

Article Published Date : Dec 01, 2008

Authors : Shafina Hanim Mohd Habib, Suzana Makpol, Noor Aini Abdul Hamid, Srijit Das, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

["Ginger ingredients inhibit the development of diethylnitrosoamine induced premalignant phenotype in rat chemical hepatocarcinogenesis model."](#)

Pubmed Data : Biofactors. 2010 Nov-Dec;36(6):483-90. Epub 2010 Sep 24. PMID: [20872761](#)

Article Published Date : Nov 01, 2010

Authors : Mahmoud A Mansour, Saleh A Bekheet, Salim S Al-Rejaie, Othman A Al-Shabanah, Tawfeq A Al-Howiriny, Ammar C Al-Rikabi, Ayman A Abdo

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-gingerol may be useful in the prevention and treatment of alzheimer's disease.](#)

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-Gingerol-rich fraction from Zingiber officinale ameliorates carbendazim-induced endocrine disruption.](#)

Pubmed Data : Andrologia. 2016 Aug 22. Epub 2016 Aug 22. PMID: [27546232](#)

Article Published Date : Aug 21, 2016

Authors : M Salihi, B O Ajayi, I A Adedara, D de Souza, J B T Rocha, E O Farombi

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Endocrine Imbalances : CK\(15\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Endocrine Disrupting Chemicals \(EDCs\) : CK\(48\) : AC\(8\)](#)

[6-Shogaol, a compound found within ginger, exerts a strong anti-inflammatory activity against urate crystal-induced inflammation in mice.](#)

Pubmed Data : Methods Find Exp Clin Pharmacol. 2010 Sep;32(7):467-73. PMID: [19819286](#)

Article Published Date : Sep 01, 2010

Authors : Evan Prince Sabina, Mahaboobkhan Rasool, Lazar Mathew, Panneerselvam Ezilrani, Haridas Indu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gout : CK\(131\) : AC\(29\)](#), [Hyperuricemia : CK\(227\) : AC\(49\)](#)

[A combination of ginger and peony root may prevent memory impairment in AD by inhibiting A \$\beta\$ accumulation and inflammation in the brain.](#)

Pubmed Data : J Alzheimers Dis. 2015 Nov 30. Epub 2015 Nov 30. PMID: [26639976](#)

Article Published Date : Nov 29, 2015

Authors : Soonmin Lim, Jin Gyu Choi, Minho Moon, Hyo Geun Kim, Wonil Lee, Hyoung-Rok Bak, Hachang Sung, Chi Hye Park, Sun Yeou Kim, Myung Sook Oh

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Peony : CK\(50\) : AC\(14\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[A compound in ginger known as 6-Gingerol prevents cisplatin-induced acute renal failure in rats.](#)

Pubmed Data : J Agric Food Chem. 2005 Apr 6;53(7):2446-50. PMID: [16971750](#)

Article Published Date : Apr 06, 2005

Authors : Anurag Kuhad, Naveen Tirkey, Sangeeta Pilkhwai, Kanwaljit Chopra

Study Type : Animal Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

[A spice mixture containing garlic, ginger and nutmeg possesses both therapeutic and prophylactic effect against Cd-induced organ damage.](#)

Pubmed Data : Adv Pharm Bull. 2016 Jun ;6(2):271-4. Epub 2016 Jun 30. PMID: [27478792](#)

Article Published Date : May 31, 2016

Authors : Emmanuel Ike Ugwuja, Omotayo O Erejuwa, Nicholas C Ugwu

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Nutmeg : CK\(28\) : AC\(18\)](#)

Diseases : [Cadmium Poisoning : CK\(131\) : AC\(62\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Ameliorative Potentials of Ginger \(*Z. officinale* Roscoe\) on Relative Organ Weights in Streptozotocin induced Diabetic Rats.](#)

Pubmed Data : Int J Biomed Sci. 2013 Jun ;9(2):82-90. PMID: [23847458](#)

Article Published Date : May 31, 2013

Authors : C O Eleazu, M Iroaganachi, P N Okafor, I I Ijeh, K C Eleazu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#), [Diabetic Glomerular Hypertrophy : CK\(2\) : AC\(1\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Anti-diabetic activity of Zingiber officinale in streptozotocin-induced type I diabetic rats.](#)

Pubmed Data : J Pharm Pharmacol. 2004 Jan ;56(1):101-5. PMID: [14980006](#)

Article Published Date : Dec 31, 2003

Authors : Sanjay P Akhani, Santosh L Vishwakarma, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 1: Prevention : CK\(255\) : AC\(50\)](#), [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#)

Problem Substances : [Insulin : CK\(149\) : AC\(23\)](#)

[Both in vivo and in vitro results confirm the efficacy of black pepper, ginger and thyme extracts as natural antimicrobials and suggests the possibility of using them in treatment procedures.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2014 Oct-Dec;27(4):531-41. PMID: [25572733](#)

Article Published Date : Sep 30, 2014

Authors : M A Nassan, E H Mohamed

Study Type : Animal Study, In Vitro Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Thyme : CK\(81\) : AC\(40\)](#)

Diseases : [Pyelonephritis : CK\(17\) : AC\(4\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Combined ginger and cinnamon have significant beneficial effects on the sperm viability, motility, and serum total testosterone, LH,FSH and serum anti-oxidants level](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2014 ;11(4):1-8. Epub 2014 Jun 4. PMID: [25392573](#)

Article Published Date : Dec 31, 2013

Authors : Arash Khaki, Amir Afshin Khaki, Laleh Hajhosseini, Farhad Sadeghpour Golzar, Nava Ainehchi

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Spermatogenic : CK\(12\) : AC\(2\)](#)

[Dietary garlic and especially ginger have anti-diabetic effects.](#)

Pubmed Data : J Med Food. 2008 Mar;11(1):152-9. PMID: [18361751](#)

Article Published Date : Mar 01, 2008

Authors : Md Shahidul Islam, Haymie Choi

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Pharmacological Actions : [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Insulinotrophic : CK\(2\) : AC\(1\)](#)

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#)

Diseases : [Fat Malabsorption : CK\(2\) : AC\(1\)](#), [Indigestion: Fats : CK\(2\) : AC\(1\)](#), [Steatorrhea : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase : CK\(12\) : AC\(2\)](#)

[Dietary ginger has a protective effect on lindane-induced oxidative stress in rats.](#)

Pubmed Data : Altern Med Rev. 2008 Mar;13(1):6-20. PMID: [18389491](#)

Article Published Date : Mar 01, 2008

Authors : Rafat S Ahmed, Sanvidhan G Suke, Vandana Seth, Ayanabha Chakraborti, Ashok K Tripathi, Basu D Banerjee

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Pesticide Toxicity : CK\(192\) : AC\(61\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Chemical: Lindane : CK\(22\) : AC\(7\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Dietary ginger has hypoglycaemic effect, enhances insulin synthesis in male rats and has high antioxidant activity.](#)

Pubmed Data : Niger J Physiol Sci. 2011 ;26(1):89-96. Epub 2011 Nov 23. PMID: [22314994](#)

Article Published Date : Jan 01, 2011

Authors : B O Iranloye, A P Arikawe, G Rotimi, A O Sogbade

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Insulin Sensitizers : CK\(350\) : AC\(70\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#)

[Dietary intake of C. longa and Z. officinale potentiates the non-specific host defences against opportunistic infections.](#)

Pubmed Data : Cell Immunol. 2012 Nov ;280(1):92-100. Epub 2012 Dec 10. PMID: [23295981](#)

Article Published Date : Oct 31, 2012

Authors : Biswajit Chakraborty, Mahuya Sengupta

Study Type : Animal Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Curcuminoids : CK\(4224\) : AC\(2161\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Pharmacological Actions : [Immunostimulatory : CK\(265\) : AC\(60\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of](#)

[the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24;1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Malabsorption Syndrome : CK\(54\) : AC\(15\)](#), [Microvilli atrophy : CK\(4\) : AC\(1\)](#)

Additional Keywords : [Nutrient Absorption : CK\(4\) : AC\(2\)](#)

[Ginger \(intravenous\) exhibits antiparasitic activity against Dirofilaria immitis \(heartworm\).](#)

Pubmed Data : J Helminthol. 1987 Sep;61(3):268-70. PMID: [3668217](#)

Article Published Date : Sep 01, 1987

Authors : A Datta, N C Sukul

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger \(Zingiber officinale Roscoe\) elicits antinociceptive properties and potentiates morphine-induced analgesia in the rat radiant heat tail-flick test.](#)

Pubmed Data : J Med Food. 2010 Dec ;13(6):1397-401. PMID: [21091253](#)

Article Published Date : Nov 30, 2010

Authors : Reza Sepahvand, Saeed Esmaeili-Mahani, Ardeshir Arzi, Bahram Rasouljan, Mehdi Abbasnejad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Morphine Tolerance/Dependence : CK\(75\) : AC\(31\)](#), [Pain : CK\(845\) : AC\(136\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Drug Synergy : CK\(351\) : AC\(156\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger \(Zingiber officinale\) prevents ethionine induced rat hepatocarcinogenesis.](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2008 ;6(1):87-93. Epub 2008 Oct 25. PMID: [20162046](#)

Article Published Date : Jan 01, 2008

Authors : Yasmin Anum Mohd Yusof, Norliza Ahmad, Srijit Das, Suhaniza Sulaiman, Nor Azian Murad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Liver Cancer: Prevention : CK\(184\) : AC\(38\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[Ginger and arabic gum may have therapeutic value in acute and chronic kidney failure.](#)

Pubmed Data : Ren Fail. 2012 ;34(1):73-82. Epub 2011 Oct 21. PMID: [22017619](#)

Article Published Date : Jan 01, 2012

Authors : Mona Fouad Mahmoud, Abdalla Ahmed Diaai, Fahmy Ahmed

Study Type : Animal Study

Additional Links

Substances : [Arabic gum : CK\(14\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Kidney Failure : CK\(321\) : AC\(45\)](#), [Kidney Failure: Acute : CK\(61\) : AC\(13\)](#), [Kidney Failure: Chronic : CK\(148\) : AC\(21\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Ginger and cinnamon extracts had potential therapeutic effects on G. lamblia infection in albino rats as a promising alternative therapy to the commonly used anti giardial drugs.](#)

Pubmed Data : Iran J Parasitol. 2014 Oct-Dec;9(4):530-40. PMID: [25759734](#)

Article Published Date : Sep 30, 2014

Authors : Abeer Mahmoud, Rasha Attia, Safaa Said, Zedan Ibraheim

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antigiardial agents : CK\(4\) : AC\(2\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(24\) : AC\(4\)](#)

[Ginger and constituent 6-gingerol could be used the prevention or alleviation of allergic rhinitis symptoms.](#)

Pubmed Data : J Nutr Biochem. 2015 Sep 1. Epub 2015 Sep 1. PMID: [26403321](#)

Article Published Date : Aug 31, 2015

Authors : Yoshiyuki Kawamoto, Yuki Ueno, Emiko Nakahashi, Momoko Obayashi, Kento Sugihara, Shanlou Qiao, Machiko Iida, Mayuko Y Kumasaka, Ichiro Yajima, Yuji Goto, Nobutaka Ohgami, Masashi Kato, Kozue Takeda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Allergic Rhinitis : CK\(392\) : AC\(52\)](#), [Allergic Rhinitis: Prevention : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Allergic Agents : CK\(167\) : AC\(61\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

[Ginger and Turmeric extracts may represent effective and natural therapeutic alternatives in the treatment of giardiasis.](#)

Pubmed Data : Parasitol Res. 2016 Mar 16. Epub 2016 Mar 16. PMID: [26984104](#)

Article Published Date : Mar 15, 2016

Authors : Ahmad K Dyab, Doaa A Yones, Zedan Z Ibraheim, Tasneem M Hassan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#)

[Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.](#)

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Interleukin-10 downregulation : CK\(128\) : AC\(45\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zinc : CK\(941\) : AC\(139\)](#)

Diseases : [Chemical Exposure : CK\(67\) : AC\(21\)](#), [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#), [Kidney Damage: Chemically-Induced : CK\(25\) : AC\(13\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Malathion Toxicity : CK\(2\) : AC\(1\)](#), [Zinc Chloride : CK\(2\) : AC\(1\)](#)

[Ginger contains compounds with significant joint-protective effects in experimental rheumatoid arthritis.](#)

Pubmed Data : J Nat Prod. 2009 Feb 13. PMID: [19216559](#)

Article Published Date : Feb 13, 2009

Authors : Janet L Funk, Jennifer B Frye, Janice N Oyarzo, Barbara N Timmermann

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arthritis: Rheumatoid : CK\(307\) : AC\(55\)](#)

[Ginger contains the compound zerumbone, which inhibits colon and lung carcinogenesis in mice.](#)

Pubmed Data : Int J Cancer. 2009 Jan 15;124(2):264-71. PMID: [19003968](#)

Article Published Date : Jan 15, 2009

Authors : Mihye Kim, Shingo Miyamoto, Yumiko Yasui, Takeru Oyama, Akira Murakami, Takuji Tanaka

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#)

[Ginger exhibits behavioral radioprotection against radiation-induced taste aversion.](#)

Pubmed Data : Pharmacol Biochem Behav. 2006 Jun;84(2):179-88. Epub 2006 Jun 21. PMID: [16797061](#)

Article Published Date : Jun 01, 2006

Authors : Anupum Haksar, Ashok Sharma, Raman Chawla, Raj Kumar, Rajesh Arora, Surender Singh, J Prasad, M Gupta, R P Tripathi, M P Arora, F Islam, R K Sharma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract ameliorates paraben induced biochemical changes in liver and kidney of mice.](#)

Pubmed Data : Acta Pol Pharm. 2007 May-Jun;64(3):217-20. PMID: [17695143](#)

Article Published Date : May 01, 2007

Authors : Ramtej J Verma, Veena Asnani

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)
Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)
Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract has an ameliorative effect on paraben-induced lipid peroxidation in the liver of mice.](#)

Pubmed Data : Acta Pol Pharm. 2009 May-Jun;66(3):225-8. PMID: [19645321](#)

Article Published Date : May 01, 2009

Authors : Veena M Asnani, Ramtej J Verma

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract improved antioxidant enzymes activity and reduced tHcy and MDA levels.](#)

Pubmed Data : Iran J Med Sci. 2016 May ;41(3 Suppl):S71. PMID: [27840537](#)

Article Published Date : Apr 30, 2016

Authors : Abolfazl Akbari, Khadijeh Nasiri, Mojtaba Heydari, Seyed Hamdollah Mosavat

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Alcohol Toxicity : CK\(337\) : AC\(125\)](#)

Pharmacological Actions : [Prophylactic Agents : CK\(129\) : AC\(31\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extract inhibited cell proliferation and subsequently induced the autotic death of pancreatic cancer Panc-1 cells.](#)

Pubmed Data : PLoS One. 2015 ;10(5):e0126605. Epub 2015 May 11. PMID: [25961833](#)

Article Published Date : Dec 31, 2014

Authors : Miho Akimoto, Mari Iizuka, Rie Kanematsu, Masato Yoshida, Keizo Takenaga

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Autophagy Up-regulation : CK\(108\) : AC\(65\)](#)

[Ginger extract is superior to the NSAID drug indomethacin in a rat model of rheumatoid arthritis.](#)

Pubmed Data : Basic Clin Pharmacol Toxicol. 2009 Mar;104(3):262-71. Epub 2009 Jan 20. PMID: [19175367](#)

Article Published Date : Mar 01, 2009

Authors : Abdel-Motaal M Fouda, Mohamed Y Berika

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arthritis: Rheumatoid : CK\(307\) : AC\(55\)](#)

Additional Keywords : [Food as Medicine : CK\(18\) : AC\(6\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

[Ginger extract markedly decreases Blood Urea Nitrogen \(BUN\) in a mouse model of uremia.](#)

Pubmed Data : Pak J Biol Sci. 2007 Sep 1;10(17):2968-71. PMID: [19090210](#)

Article Published Date : Sep 01, 2007

Authors : Modaresi Mehrdad, Manouchehr Messripour, Mozhgan Ghobadipour

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Uremia : CK\(93\) : AC\(21\)](#)

[ginger extract modulates the expression of the IL-27 and IL-33 in the spinal cord of EAE mice and ameliorates the clinical symptoms of disease.](#)

Pubmed Data : J Neuroimmunol. 2014 Nov 15 ;276(1-2):80-8. Epub 2014 Aug 19. PMID: [25175065](#)

Article Published Date : Nov 14, 2014

Authors : A Jafarzadeh, M Mohammadi-Kordkhayli, R Ahangar-Parvin, V Azizi, H Khoramdel-Azad, A Shamsizadeh, A Ayoobi, M Nemati, Z M Hassan, S M Moazeni, M Khaksari

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Encephalomyelitis : CK\(24\) : AC\(15\)](#), [Multiple Sclerosis : CK\(964\) : AC\(184\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[Ginger extracts can be considered as an effective, economical and safe extract to circumvent phosphamidon induced hepatotoxicity.](#)

Pubmed Data : Indian J Exp Biol. 2015 Sep ;53(9):574-84. PMID: [26548077](#)

Article Published Date : Aug 31, 2015

Authors : Suprabhat Mukherjee, Niladri Mukherjee, Prasanta Saini, Priya Roy, Santi P Sinha Babu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemically-Induced Liver Damage : CK\(634\) : AC\(255\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

[Ginger has a beneficial effect on fructose induced hyperlipidemia an dhyperinsulinemia in rats.](#)

Pubmed Data : Indian J Exp Biol. 2005 Dec;43(12):1161-4. PMID: [16359128](#)

Article Published Date : Dec 01, 2005

Authors : Sanjay V Kadnur, Ramesh K Goyal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Hyperinsulinism : CK\(251\) : AC\(56\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#), [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has a beneficial effect on insulin resistance associated with fructose consumption.](#)

Pubmed Data : Planta Med. 2012 Jan 10. Epub 2012 Jan 10. PMID: [22234408](#)

Article Published Date : Jan 10, 2012

Authors : Chia Ju Chang, Thing-Fong Tzeng, Yuan-Shiun Chang, I-Min Liu

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

Problem Substances : [Fructose : CK\(361\) : AC\(106\)](#)

[Ginger has a gastroprotective effect through its acid blocking and anti-Helico bacter pylori activity.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2009 Jul 1. PMID: [19570992](#)

Article Published Date : Jul 01, 2009

Authors : Siddaraju M Nanjundiah, Harish Nayaka Mysore Annaiah, Shylaja M Dharmesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acid Reflux : CK\(298\) : AC\(43\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#), [Helicobacter Pylori Infection : CK\(506\) : AC\(104\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Proton Pump Inhibitor : CK\(36\) : AC\(13\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Prevacid \(Lansoprazole\) Alternatives : CK\(6\) : AC\(3\)](#)

[Ginger has a neuroprotective effect in diabetic rats.](#)

Pubmed Data : Food Chem Toxicol. 2010 Dec 22. Epub 2010 Dec 22. PMID: [21184796](#)

Article Published Date : Dec 22, 2010

Authors : Kondeti Ramudu Shanmugam, Korivi Mallikarjuna, Nishanth Kesireddy, Kesireddy Sathyavelu Reddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cognitive Dysfunction : CK\(40\) : AC\(17\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[Ginger has a protective effect against dyslipidemia in diabetic rats.](#)

Pubmed Data : J Ethnopharmacol. 2005 Feb 28;97(2):227-30. PMID: [15707757](#)

Article Published Date : Feb 28, 2005

Authors : Uma Bhandari, Raman Kanojia, K K Pillai

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: LDL/HDL ratio : CK\(484\) : AC\(61\)](#), [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has a protective effect against kidney damage associated with diabetes.](#)

Pubmed Data : Chin J Physiol. 2011 Apr 30 ;54(2):79-86. PMID: [21789888](#)

Article Published Date : Apr 30, 2011

Authors : Shanmugam Kondeti Ramudu, Mallikarjuna Korivi, Nishanth Kesireddy, Li-Chen Lee, I-Shiung Cheng, Chia-Hua Kuo, Sathyavelu Reddy Kesireddy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Kidney Function : CK\(79\) : AC\(24\)](#), [Kidney Damage : CK\(193\) : AC\(64\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has a protective effect against the development of metabolic syndrome in high-fat diet-fed rats.](#)

Pubmed Data : Basic Clin Pharmacol Toxicol. 2009 May;104(5):366-73. PMID: [19413656](#)

Article Published Date : May 01, 2009

Authors : Srinivas Nammi, Satyanarayana Sreemantula, Basil D Roufogalis

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Metabolic Syndrome X : CK\(916\) : AC\(158\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has anti-diabetic and lipid lowering properties in an animal model of type 1 diabetes.](#)

Pubmed Data : Br J Nutr. 2006 Oct;96(4):660-6. PMID: [17010224](#)

Article Published Date : Oct 01, 2006

Authors : Zainab M Al-Amin, Martha Thomson, Khaled K Al-Qattan, Riitta Peltonen-Shalaby, Muslim Ali

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes: Cardiovascular Illness : CK\(700\) : AC\(107\)](#), [Diabetes Mellitus: Type 1 : CK\(1130\) : AC\(301\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has anti-obesogenic properties.](#)

Pubmed Data : Mol Nutr Food Res. 2011 Sep ;55 Suppl 2:S203-13. Epub 2011 Aug 30. PMID: [21954187](#)

Article Published Date : Sep 01, 2011

Authors : John H Beattie, Fergus Nicol, Margaret-Jane Gordon, Martin D Reid, Louise Cantlay, Graham W Horgan, In-Sook Kwun, Ji-Yun Ahn, Tae-Youl Ha

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Obesity : CK\(3022\) : AC\(467\)](#)

[Ginger has antischistosomal activity effect against Schistosoma mansoni harbored in mice.](#)

Pubmed Data : Zhongguo Zhen Jiu. 2009 Mar;29(3):247-51. PMID: [21327992](#)

Article Published Date : Mar 01, 2009

Authors : Osama M S Mostafa, Refaat A Eid, Mohamed A Adly

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Schistosomiasis : CK\(10\) : AC\(6\)](#)

[Ginger has significant anti-breast cancer properties.](#)

Pubmed Data : J Biomed Biotechnol. 2012 ;2012:614356. Epub 2012 Aug 26. PMID: [22969274](#)

Article Published Date : Dec 31, 2011

Authors : Ayman I Elkady, Osama A Abuzinadah, Nabih A Baeshen, Tarek R Rahmy

Study Type : Insect Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bax/Bcl2 Ratio: Decrease : CK\(15\) : AC\(9\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#)

[Ginger inhibits microglial cell activation associated with brain inflammation.](#)

Pubmed Data : Food Chem Toxicol. 2009 Jun;47(6):1190-7. Epub 2009 Feb 20. PMID: [19233241](#)

Article Published Date : Jun 01, 2009

Authors : Hyo Won Jung, Cheol-Ho Yoon, Kwon Moo Park, Hyung Soo Han, Yong-Ki Park

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain: Microglial Activation : CK\(82\) : AC\(53\)](#), [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Lipopolysaccharide-Induced Toxicity : CK\(380\) : AC\(218\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#), [Prostaglandin Antagonists : CK\(27\) : AC\(13\)](#)

[**Ginger lowers blood pressure through blockade of voltage-dependent calcium channels.**](#)

Pubmed Data : J Cardiovasc Pharmacol. 2005 Jan;45(1):74-80. PMID: [15613983](#)

Article Published Date : Jan 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#), [Calcium Channel Blockers : CK\(87\) : AC\(23\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[**Ginger mitigates damage and improves memory impairment in focal cerebral ischemia.**](#)

Pubmed Data : Evid Based Complement Alternat Med. 2011;2011:429505. Epub 2010 Dec 20. PMID: [21197427](#)

Article Published Date : Jan 01, 2011

Authors : Jintanaporn Wattanathorn, Jinatta Jittiwat, Terdthai Tongun, Supaporn Muchimapura, Kornkanok Ingkaninan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#), [Memory Disorders : CK\(344\) : AC\(104\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[**Ginger protects against acetaminophen-induced acute liver injury by enhancing liver antioxidant status.**](#)

Pubmed Data : Food Chem Toxicol. 2007 Nov;45(11):2267-72. Epub 2007 Jun 9. PMID: [17637489](#)

Article Published Date : Nov 01, 2007

Authors : T A Ajith, U Hema, M S Aswathy

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Acetaminophen \(Tylenol\) Toxicity : CK\(166\) : AC\(61\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

[**Ginger protects against bromobenzene-induced liver toxicity in male rats.**](#)

Pubmed Data : Food Chem Toxicol. 2009 Jul;47(7):1584-90. Epub 2009 Apr 23. PMID: [19371770](#)

Article Published Date : Jul 01, 2009

Authors : A S El-Sharaky, A A Newairy, M A Kamel, S M Eweda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bromobenzene Toxicity : CK\(4\) : AC\(2\)](#)

Pharmacological Actions : [Hepatoprotective : CK\(1387\) : AC\(594\)](#)

[**Ginger protects against dichlorvos and lindane induced oxidative stress in rat brain.**](#)

Pubmed Data : Pharmacognosy Res. 2012 Jan ;4(1):27-32. PMID: [22224058](#)

Article Published Date : Jan 01, 2012

Authors : Poonam Sharma, Rambir Singh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Damage : CK\(93\) : AC\(44\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Problem Substances : [Dichlorvos : CK\(6\) : AC\(3\)](#), [Lindane : CK\(2\) : AC\(1\)](#)

[Ginger protects against doxorubicin-induced acute kidney injury.](#)

Pubmed Data : Food Chem Toxicol. 2008 Sep;46(9):3178-81. Epub 2008 Jul 17. PMID: [18680783](#)

Article Published Date : Sep 01, 2008

Authors : T A Ajith, M S Aswathy, U Hema

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Doxorubicin : CK\(132\) : AC\(56\)](#)

[Ginger protects against liver fibrosis.](#)

Pubmed Data : Nutr Metab (Lond). 2011 ;8:40. Epub 2011 Jun 20. PMID: [21689445](#)

Article Published Date : Jan 01, 2011

Authors : Tarek K Motawi, Manal A Hamed, Manal H Shabana, Reem M Hashem, Asmaa F Aboul Naser

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [ALT: Elevated : CK\(70\) : AC\(11\)](#), [AST: Elevated : CK\(46\) : AC\(6\)](#), [Liver Fibrosis : CK\(246\) : AC\(104\)](#)

Pharmacological Actions : [Glutathione Upregulation : CK\(152\) : AC\(53\)](#), [Malonaldehyde \(MDA\) Down-Regulation : CK\(20\) : AC\(6\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#), [Superoxide Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

[Ginger protects against prostate cancer.](#)

Pubmed Data : Mol Nutr Food Res. 2007 Dec;51(12):1492-502. PMID: [18030663](#)

Article Published Date : Dec 01, 2007

Authors : Yogeshwer Shukla, Sahdeo Prasad, Chitra Tripathi, Madhulika Singh, Jasmine George, Neetu Kalra

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

[Ginger protects against reproductive toxicity of aluminium chloride in rats.](#)

Pubmed Data : Reprod Domest Anim. 2011 Jul 26. Epub 2011 Jul 26. PMID: [21790801](#)

Article Published Date : Jul 26, 2011

Authors : Wa Moselhy, Na Helmy, Br Abdel-Halim, Tm Nabil, Mi Abdel-Hamid

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Aluminum Toxicity : CK\(207\) : AC\(75\)](#)

[Ginger protects mice against radiation-induced lethality.](#)

Pubmed Data : Cancer Biother Radiopharm. 2004 Aug;19(4):422-35. PMID: [15453957](#)

Article Published Date : Aug 01, 2004

Authors : Ganesh Jagetia, Manjeshwar Baliga, Ponemone Venkatesh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#), [Radiation Induced Illness : CK\(1046\) : AC\(264\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger root extract has a neuroprotective effect against monosodium glutamate-induced toxicity in male rats.](#)

Pubmed Data : Pak J Biol Sci. 2009 Feb 1;12(3):201-12. PMID: [19579948](#)

Article Published Date : Feb 01, 2009

Authors : Abeer M Waggas

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Excitotoxicity : CK\(58\) : AC\(35\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

[Green tea and ginger extracts have a significant hypoglycemic effect in diabetic rabbits.](#)

Pubmed Data : Acta Pol Pharm. 2015 May-Jun;72(3):497-506. PMID: [26642658](#)

Article Published Date : Apr 30, 2015

Authors : Ahmed Elkirdasy, Saad Shousha, Abdulmohsen H Alrohaimi, M Faiz Arshad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Green Tea : CK\(1976\) : AC\(562\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[Protective effects of ginger root extract on Alzheimer disease-induced behavioral dysfunction in rats.](#)

Pubmed Data : Rejuvenation Res. 2013 Apr ;16(2):124-33. PMID: [23374025](#)

Article Published Date : Mar 31, 2013

Authors : Gao-Feng Zeng, Zhi-Yong Zhang, Li Lu, De-Qiang Xiao, Shao-Hui Zong, Jian-Ming He

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Pharmacological Actions : [Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Malondialdehyde Down-regulation :](#)

[CK\(554\) : AC\(152\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Superoxide](#)

[Dismutase Up-regulation : CK\(530\) : AC\(174\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Supplementation with turmeric or ginger modulated the hydrolysis of ATP, ADP and AMP.](#)

Pubmed Data : Phytother Res. 2016 May 6. Epub 2016 May 6. PMID: [27151061](#)

Article Published Date : May 05, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum : CK\(6\) : AC\(3\)](#), [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Japanese Herbal Formula: Sho-saiko-to : CK\(2\) : AC\(1\)](#), [Jujube : CK\(12\) : AC\(2\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Peony : CK\(50\) : AC\(14\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Trigeminal Neuralgia : CK\(140\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

[These results are supportive of use of ginger essential oil as a potential radioprotective compound.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2016 ;17(3):1325-32. PMID: [27039766](#)

Article Published Date : Dec 31, 2015

Authors : Kottarapat Jeena, Vijayasteltar B Liju, Viswanathan Ramanath, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Radioprotective : CK\(756\) : AC\(262\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#)

[These results demonstrated that sustained activation of the PPAR \$\delta\$ pathway with GE attenuated diet-induced obesity and improved exercise endurance capacity.](#)

Pubmed Data : J Nutr Biochem. 2015 May 28. Epub 2015 May 28. PMID: [26101135](#)

Article Published Date : May 27, 2015

Authors : Koichi Misawa, Kojiro Hashizume, Masaki Yamamoto, Yoshihiko Minegishi, Tadashi Hase, Akira Shimotoyodome

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [High Fat Diet : CK\(212\) : AC\(103\)](#), [Obesity : CK\(3022\) : AC\(467\)](#)

Additional Keywords : [Anti-Obesity Agents : CK\(487\) : AC\(108\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Treatment with ginger ameliorates fructose-induced Fatty liver and hypertriglyceridemia in rats.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:570948. Epub 2012 Nov 6. PMID: [23193424](#)

Article Published Date : Dec 31, 2011

Authors : Huanqing Gao, Tao Guan, Chunli Li, Guowei Zuo, Johji Yamahara, Jianwei Wang, Yuhao Li

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fructose-Induced Toxicity : CK\(157\) : AC\(61\)](#), [Liver Stress: Fructose-Induced : CK\(25\) : AC\(13\)](#)

Problem Substances : [Fructose : CK\(361\) : AC\(106\)](#)

[Turmeric and ginger essential oils could reduce the gastric ulcers in rat stomachs.](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2015 Jan ;26(1):95-103. PMID: [24756059](#)

Article Published Date : Dec 31, 2014

Authors : Vijayasteltar B Liju, Kottarapat Jeena, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric: Volatile Oils : CK\(1\) : AC\(1\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#)

Pharmacological Actions : [Gastroprotective : CK\(155\) : AC\(73\)](#)

Additional Keywords : [Plant Oils : CK\(55\) : AC\(24\)](#)

[Turmeric and ginger were effective in eliminating arsenic from the body but could protect from possible damage caused by arsenic exposure.](#)

Pubmed Data : J Ethnopharmacol. 2016 Aug 2. Epub 2016 Aug 2. PMID: [27496583](#)

Article Published Date : Aug 01, 2016

Authors : Suman Biswas, Chinmoy Maji, Prasanta Kumar Sarkar, Samar Sarkar, Abichal Chattopadhyay, Tapan Kumar Mandal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Cytoprotective : CK\(190\) : AC\(94\)](#), [Detoxifier : CK\(408\) : AC\(131\)](#)

[Various extracts of ginger inhibit Cytomegalovirus, HSV-1, and HIV virus.](#)

Pubmed Data : Pharmazie. 2006 Aug;61(8):717-21. PMID: [16964717](#)

Article Published Date : Aug 01, 2006

Authors : K Sookkongwaree, M Geitmann, S Roengsumran, A Petsom, U H Danielson

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cytomegalovirus Infections : CK\(99\) : AC\(37\)](#), [HIV Infections : CK\(680\) : AC\(219\)](#), [HSV-1 : CK\(53\) : AC\(44\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Whole ginger extract reduces prostate tumor size by 56% in mice.](#)

Pubmed Data : Br J Nutr. 2011 Aug 18:1-12. Epub 2011 Aug 18. PMID: [21849094](#)

Article Published Date : Aug 18, 2011

Authors : Prasanthi Karna, Sharmeen Chagani, Sushma R Gundala, Padmashree C G Rida, Ghazia Asif, Vibhuti Sharma, Meenakshi V Gupta, Ritu Aneja

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[Zingiber officinale \(Ginger\) alone and in combination with vitamin E partially ameliorated cisplatin-induced nephrotoxicity.](#)

Pubmed Data : Food Chem Toxicol. 2007 Jun;45(6):921-7. Epub 2006 Nov 29. PMID: [17210214](#)

Article Published Date : Jun 01, 2007

Authors : T A Ajith, V Nivitha, S Usha

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Vitamin E : CK\(1656\) : AC\(290\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#)

Additional Keywords : [Antineoplastic Agents : CK\(69\) : AC\(28\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[6-Dehydrogingerdione, an active constituent of dietary ginger, induces cell cycle arrest and programmed cell death in human breast cancer cells.](#)

Pubmed Data : Mol Nutr Food Res. 2010 Feb 19. Epub 2010 Feb 19. PMID: [20175081](#)

Article Published Date : Feb 19, 2010

Authors : Ya-Ling Hsu, Chung-Yi Chen, Ming-Feng Hou, Eing-Mei Tsai, Yuh-Jyh Jong, Chih-Hsing Hung, Po-Lin Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

[6-Gingerol, a compound found within ginger, inhibits inflammation.](#)

Pubmed Data : Biochem Biophys Res Commun. 2009 Apr 24;382(1):134-9. Epub 2009 Mar 4. PMID: [19268427](#)

Article Published Date : Apr 24, 2009

Authors : Tzung-Yan Lee, Ko-Chen Lee, Shih-Yuan Chen, Hen-Hong Chang

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[6-paradol effectively protects brain after cerebral ischemia, likely by attenuating neuroinflammation in microglia.](#)

Pubmed Data : PLoS One. 2015 ;10(3):e0120203. Epub 2015 Mar 19. PMID: [25789481](#)

Article Published Date : Dec 31, 2014

Authors : Bhakta Prasad Gaire, Oh Wook Kwon, Sung Hyuk Park, Kwang-Hoon Chun, Sun Yeou Kim, Dong Yun Shin, Ji Woong Choi

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Brain Inflammation : CK\(274\) : AC\(145\)](#), [Central Nervous System Diseases : CK\(6\) : AC\(6\)](#), [Cerebral Ischemia : CK\(229\) : AC\(77\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Paradols : CK\(1\) : AC\(1\)](#)

[**A compound found within ginger inhibits melanoma cells.**](#)

Pubmed Data : Biosci Biotechnol Biochem. 2011 ;75(6):1067-72. Epub 2011 Jun 13. PMID: [21670536](#)

Article Published Date : Jan 01, 2011

Authors : Huey-Chun Huang, Shao-Hua Chiu, Tsong-Min Chang

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Melanoma : CK\(285\) : AC\(149\)](#)

[**A compound from ginger, 6\]-gingerol, may be an effective agent in the treatment of skin cancer.**](#)

Pubmed Data : Chem Biol Interact. 2009 Sep 14;181(1):77-84. Epub 2009 May 27. PMID: [19481070](#)

Article Published Date : Sep 14, 2009

Authors : Nidhi Nigam, Kulpreet Bhui, Sahdeo Prasad, Jasmine George, Yogeshwer Shukla

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Skin Cancer: Squamous Cell : CK\(56\) : AC\(20\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[**A review of medicinal plants that exhibit anti-Toxoplasma effects.**](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

[**A review of the health promoting aspects of ginger in the treatment and prevention of diseases via immunonutrition and anti-inflammatory responses.**](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S36-42. PMID: [23717767](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Mitra Hariri, Leila Darvishi, Mohammad Reza Mofid

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#), [Liver Disease: Oxidative Stress :](#)

[CK\(9\) : AC\(5\)](#), [Muscle Soreness : CK\(25\) : AC\(5\)](#)

Therapeutic Actions : [Exercise : CK\(1278\) : AC\(196\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Anti-metastatic : CK\(634\) : AC\(414\)](#),

[Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

[Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[A water extract of ginger ameliorates paraben induced cytotoxicity.](#)

Pubmed Data : Acta Pol Pharm. 2006 Mar-Apr;63(2):117-9. PMID: [17514874](#)

Article Published Date : Mar 01, 2006

Authors : Veena Asnani, Ramtej Jayram Verma

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

[Alzheimer's disease drug discovery from herbs: neuroprotectivity from beta-amyloid \(1-42\) insult.](#)

Pubmed Data : J Altern Complement Med. 2007 Apr ;13(3):333-40. PMID: [17480132](#)

Article Published Date : Mar 31, 2007

Authors : Darrick S H L Kim, Jin-Yung Kim, Ye Sun Han

Study Type : In Vitro Study

Additional Links

Substances : [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Ginkgo biloba : CK\(798\) : AC\(162\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[An extract of Z. cassumunar and its constituent should be benefit to ameliorate inflammation and hypersensitiveness of airway epithelium.](#)

Pubmed Data : Asian Pac J Allergy Immunol. 2015 Mar ;33(1):42-51. PMID: [25840633](#)

Article Published Date : Feb 28, 2015

Authors : Orapan Poachanukoon, Ladda Meesuk, Napaporn Pattanacharoenchai, Paopanga Monthanapisut, Thaweephol Dechatiwongse Na Ayudhya, Sittichai Koontongkaew

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Allergic Airway Diseases : CK\(69\) : AC\(25\)](#), [Allergies : CK\(703\) : AC\(132\)](#), [Hypersensitivity: Respiratory : CK\(11\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Enzyme Inhibitors : CK\(473\) : AC\(251\)](#), [Matrix metalloproteinase-9 \(MMP-9\) inhibitor : CK\(212\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Andrographis, Tinospora and especially Zingiber officinale \(ginger\) have anti-parasitic activity against canine dirofilariasis \(heartworm\).](#)

Pubmed Data : Res Vet Sci. 2010 Feb;88(1):142-7. Epub 2009 Jun 4. PMID: [19500810](#)

Article Published Date : Feb 01, 2010

Authors : L T Merawin, A K Arifah, R A Sani, M N Somchit, A Zuraini, S Ganabadi, Z A Zakaria

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dog Diseases : CK\(3\) : AC\(2\)](#), [Pets: Heartworm : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Antibacterial effect of Allium sativum cloves and Zingiber officinale rhizomes against multiple-drug resistant clinical pathogens.

Pubmed Data : Asian Pac J Trop Biomed. 2012 Aug ;2(8):597-601. PMID: [23569978](#)

Article Published Date : Jul 31, 2012

Authors : Ponmurugan Karuppiah, Shyamkumar Rajaram

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#), [Infection: Antibiotic Resistant : CK\(411\) : AC\(149\)](#)

Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and may be useful as natural antithrombotic agents.

Pubmed Data : Biomed Biochim Acta. 1984;43(8-9):S335-46. PMID: [6440548](#)

Article Published Date : Jan 01, 1984

Authors : K C Srivastava

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#)

Diseases : [Thrombosis : CK\(316\) : AC\(81\)](#)

Pharmacological Actions : [Anti-Platelet : CK\(125\) : AC\(38\)](#), [Anti-thrombotic : CK\(56\) : AC\(24\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols : CK\(31\) : AC\(17\)](#), [EGCG \(Epigallocatechin gallate\) : CK\(1956\) : AC\(314\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Advanced Glycation End products \(AGE\) : CK\(231\) : AC\(73\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Nrf2 activation : CK\(177\) : AC\(86\)](#)

Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Curcuma rhizome, a main representant of Zingiberaceae family may be a promising natural source for active compounds against malignant melanoma.](#)

Pubmed Data : Biol Res. 2015 Jan 12 ;48(1):1. Epub 2015 Jan 12. PMID: [25654588](#)

Article Published Date : Jan 11, 2015

Authors : Corina Danciu, Lavinia Vlaia, Florinela Fetea, Monica Hancianu, Dorina E Coricovac, Sorina A Ciurlea, Codruța M Șoica, Iosif Marincu, Vicentiu Vlaia, Cristina A Dehelean, Cristina Trandafirescu

Study Type : In Vitro Study

Additional Links

Substances : [Curcuma Longa : CK\(5\) : AC\(4\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Polyphenols : CK\(931\) : AC\(335\)](#)

Diseases : [Malignant Melanoma : CK\(34\) : AC\(16\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Curcumin, Resveratrol and Gingerol decrease prostate inflammation](#)

Pubmed Data : Carcinogenesis. 2007 Jun;28(6):1188-96. Epub 2006 Dec 6. PMID: [17151092](#)

Article Published Date : Jun 01, 2007

Authors : Larisa Nonn, David Duong, Donna M Peehl

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Resveratrol : CK\(1283\) : AC\(746\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola : CK\(13\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Haemophilus influenzae : CK\(44\) : AC\(8\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#), [Streptococcus pyogenes : CK\(29\) : AC\(18\)](#), [Upper Respiratory Infections : CK\(950\) : AC\(114\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger and garlic treatment significantly lowered the number of the blastocystis hominis parasites.](#)

Pubmed Data : J Egypt Soc Parasitol. 2015 Apr ;45(1):93-100. PMID: [26012223](#)

Article Published Date : Mar 31, 2015

Authors : Ekhlash H Abdel-Hafeez, Azza K Ahmad, Noha H Andelgelil, Manal Z M Abdellatif, Amany M Kamal, Rabie M Mohamed

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Parasitic Intestinal Diseases : CK\(17\) : AC\(7\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

[Ginger contains compounds which inhibit rhinoviral activity.](#)

Pubmed Data : Brain Res. 2004 Sep 10;1020(1-2):1-11. PMID: [8064299](#)

Article Published Date : Sep 10, 2004

Authors : C V Denyer, P Jackson, D M Loakes, M R Ellis, D A Young

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Rhinovirus Infection : CK\(39\) : AC\(20\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

[Ginger contains the compound zerumbone, which may have chemopreventive activity through activating phase II drug metabolizing enzymes.](#)

Pubmed Data : FEBS Lett. 2004 Aug 13;572(1-3):245-50. PMID: [15304356](#)

Article Published Date : Aug 13, 2004

Authors : Yoshimasa Nakamura, Chiho Yoshida, Akira Murakami, Hajime Ohigashi, Toshihiko Osawa, Koji Uchida

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Phase II Detoxification Enzyme Inducer : CK\(78\) : AC\(40\)](#)

[Ginger exhibits anti-lung cancer properties.](#)

Pubmed Data : J Med Food. 2010 Dec;13(6):1347-54. PMID: [21091248](#)

Article Published Date : Dec 01, 2010

Authors : Wirote Tuntiwechapikul, Thanachai Taka, Chonnipa Songsomboon, Navakoon Kaewtunjai, Arisa Imsumran, Luksana Makonkawkeyoon, Wilart Pompimon, T Randall Lee

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Telomerase Inhibitor : CK\(55\) : AC\(35\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger extracts, including the water extract possess the antioxidant activities to inhibit human LDL oxidation in vitro.](#)

Pubmed Data : J Med Food. 2014 Apr ;17(4):424-31. Epub 2014 Jan 9. PMID: [24404979](#)

Article Published Date : Mar 31, 2014

Authors : K D Prasanna P Gunathilake, H P Vasantha Rupasinghe

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cholesterol: Oxidation : CK\(518\) : AC\(117\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has an important anti-hydatic effect in vitro.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):749-56. Epub 2016 Jun 29. PMID: [27569883](#)

Article Published Date : Jul 31, 2016

Authors : Manel Amri, Chafia Touil-Boukoffa

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Hydatidosis : CK\(1\) : AC\(1\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

[Ginger has broad anti-inflammatory actions.](#)

Pubmed Data : J Med Food. 2005 Summer;8(2):125-32. PMID: [16117603](#)

Article Published Date : Jun 01, 2005

Authors : Reinhard Grzanna, Lars Lindmark, Carmelita G Frondoza

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#)

[Ginger has potential efficacy for nonalcoholic fatty liver disease.](#)

Pubmed Data : Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Sep;108(3):394-8. PMID: [21246004](#)

Article Published Date : Sep 01, 2009

Authors : Amirhossein Sahebkar

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Fatty Liver : CK\(887\) : AC\(204\)](#)

[Ginger has therapeutic properties relevant to cancer treatment.](#)

Pubmed Data : J BUON. 2011 Jul-Sep;16(3):414-24. PMID: [22006742](#)

Article Published Date : Jul 01, 2011

Authors : M M Pereira, R Haniadka, P P Chacko, P L Palatty, M S Baliga

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Cancers: Drug Resistant : CK\(352\) : AC\(223\)](#)

Pharmacological Actions : [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Chemotherapeutic Agents : CK\(394\) : AC\(286\)](#), [Radioprotective : CK\(756\) : AC\(262\)](#)

[Ginger is superior to lansoprazole at blocking ulcer formation.](#)

Pubmed Data : Mol Nutr Food Res. 2007 Mar;51(3):324-32. PMID: [17295419](#)

Article Published Date : Mar 01, 2007

Authors : Mugur N Siddaraju, Shylaja M Dharmesh

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#), [Gastroesophageal Reflux : CK\(299\) : AC\(44\)](#)

Additional Keywords : [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

[Ginger is useful in gastrointestinal disorders due to its spasmolytic activity.](#)

Pubmed Data : Dig Dis Sci. 2005 Oct;50(10):1889-97. PMID: [16187193](#)

Article Published Date : Oct 01, 2005

Authors : Muhammad Nabeel Ghayur, Anwarul Hassan Gilani

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colic : CK\(135\) : AC\(18\)](#), [Diarrhea : CK\(612\) : AC\(83\)](#), [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Antispasmodic : CK\(132\) : AC\(32\)](#)

[Ginger may have a preventive and therapeutic effect in diabetes and its complications.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:516870. Epub 2012 Nov 22. PMID: [23243452](#)

Article Published Date : Dec 31, 2011

Authors : Yiming Li, Van H Tran, Colin C Duke, Basil D Roufogalis

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

[Ginger significantly reduces paraben induced lipid peroxidation in liver and kidney cells.](#)

Pubmed Data : Acta Pol Pharm. 2007 Jan-Feb;64(1):35-7. PMID: [17665848](#)

Article Published Date : Jan 01, 2007

Authors : Veena Asnani, Ramtej Jayram Verma

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Parabens-Associated Toxicity : CK\(16\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger, Garlic, Clove, and Anise \(in order of efficacy\) reduce the adverse effects of arsenite in mouse bone marrow cells.](#)

Pubmed Data : Afr J Med Med Sci. 2003 Mar;32(1):75-80. PMID: [15030071](#)

Article Published Date : Mar 01, 2003

Authors : O A Odunola

Study Type : In Vitro Study

Additional Links

Substances : [Anise : CK\(29\) : AC\(8\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Gingerol is a sensitizing agent which induces cell death of TRAIL resistant glioblastoma cells.](#)

Pubmed Data : Toxicol Appl Pharmacol. 2014 Sep 15 ;279(3):253-65. Epub 2014 Jul 14. PMID: [25034532](#)

Article Published Date : Sep 14, 2014

Authors : Dae-Hee Lee, Dong-Wook Kim, Chang-Hwa Jung, Yong J Lee, Daeho Park

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Glioblastoma : CK\(200\) : AC\(88\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [TRAIL sensitizer : CK\(3\) : AC\(2\)](#)

Additional Keywords : [Apoptosis Regulatory Proteins : CK\(1\) : AC\(1\)](#)

[Gingerol may help combat chemotherapy resistant pancreatic cancer cells.](#)

Pubmed Data : Yonsei Med J. 2006 Oct 31;47(5):688-97. PMID: [17066513](#)

Article Published Date : Oct 31, 2006

Authors : Yon Jung Park, Jing Wen, Seungmin Bang, Seung Woo Park, Si Young Song

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Additional Keywords : [Chemotherapy Resistance : CK\(2\) : AC\(2\)](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

[Hexahydrocurcumin has a cytotoxic effect against human colorectal cancer cells.](#)

Pubmed Data : Nat Prod Commun. 2011 Nov ;6(11):1671-2. PMID: [22224285](#)

Article Published Date : Nov 01, 2011

Authors : Chung-Yi Chen, Woei-Ling Yang, Soong-Yu Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colorectal Cancer : CK\(1646\) : AC\(619\)](#)

Pharmacological Actions : [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

[Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.](#)

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Long Pepper : CK\(15\) : AC\(9\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [β-secretase Inhibitor : CK\(1\) : AC\(1\)](#)

[**Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.**](#)

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[**Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.**](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[**Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.**](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[**The combination of Gelam honey and ginger may serve as a potential therapy in the treatment of colorectal cancer.**](#)

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(15):6549-56. PMID: [26434873](#)

Article Published Date : Dec 31, 2014

Authors : Lee Heng Wee, Noor Azian Morad, Goon Jo Aan, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd

Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Wnt/ \$\beta\$ -catenin signaling pathway modulation : CK\(36\) : AC\(24\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#), [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Analhuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[The content of 6-shogaol is very low in fresh ginger, but significantly higher after steaming.](#)

Pubmed Data : Am J Chin Med. 2015 Oct 18:1-13. Epub 2015 Oct 18. PMID: [26477795](#)

Article Published Date : Oct 17, 2015

Authors : Chong-Zhi Wang, Lian-Wen Qi, Chun-Su Yuan

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[The role of diallyl sulfides and dipropyl sulfides in the in vitro antimicrobial activity of the essential oil of garlic, Allium sativum L., and Leek, Allium porrum L.](#)

Pubmed Data : Phytother Res. 2013 Mar ;27(3):380-3. Epub 2012 May 21. PMID: [22610968](#)

Article Published Date : Feb 28, 2013

Authors : Sergio Casella, Michele Leonardi, Bernardo Melai, Filippo Fratini, Luisa Pistelli

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#)

Additional Keywords : [Multi-Drug Resistant Pathogens : CK\(16\) : AC\(15\)](#)

[The use of ginger and especially gingerols as medicinal food derivative appears to be safe in treating or preventing chronic diseases.](#)

Pubmed Data : Adv Exp Med Biol. 2016 ;929:177-207. PMID: [27771925](#)

Article Published Date : Dec 31, 2015

Authors : Yasmin Anum Mohd Yusof

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Chronic Disease](#) : CK(84) : AC(10)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Antioxidants](#) : CK(7529) : AC(2682)

[These findings showed the potential effects of 6S and 6G on the prevention of protein glycation.](#)

Pubmed Data : Chem Res Toxicol. 2015 Aug 6. Epub 2015 Aug 6. PMID: [26247545](#)

Article Published Date : Aug 05, 2015

Authors : Yingdong Zhu, Yantao Zhao, Pei Wang, Mohamed Ahmedna, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol](#) : CK(38) : AC(26), [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [Advanced Glycation Endproduct \(AGE\) Formation](#) : CK(7) : AC(3), [Diabetic Complications](#) : CK(1563) : AC(333)

Pharmacological Actions : [Anti-Glycation Agents](#) : CK(46) : AC(19)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[These results indicated that the effective components of Pinelliae extract for Purging Stomach-Fire in gastric cancer treatment were pinelliae and dried ginger.](#)

Pubmed Data : Am J Transl Res. 2016 ;8(7):2937-46. Epub 2016 Jul 15. PMID: [27508014](#)

Article Published Date : Dec 31, 2015

Authors : Xi-Ping Liu, Hai-Xia Ming, Pei-Qing Li

Study Type : In Vitro Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Pinellia](#) : CK(2) : AC(1)

Diseases : [Gastric Cancer](#) : CK(622) : AC(198)

Pharmacological Actions : [Antiproliferative](#) : CK(2546) : AC(1685), [Apoptotic](#) : CK(2958) : AC(2075)

[These spices could be as potential antimicrobial agents for inclusion in the anti-enterococcal treatment regimen.](#)

Pubmed Data : Arch Med Sci. 2015 Aug 12 ;11(4):863-8. Epub 2015 Aug 11. PMID: [26322099](#)

Article Published Date : Aug 11, 2015

Authors : Sharma Revati, Chapagain Bipin, Pai Bhat Chitra, Bhattacharjee Minakshi

Study Type : In Vitro Study

Additional Links

Substances : [Cinnamon](#) : CK(245) : AC(89), [Clove](#) : CK(104) : AC(55), [Cumin](#) : CK(55) : AC(32), [Ginger](#) : CK(696) : AC(184)

Diseases : [Enterococcus Infections](#) : CK(16) : AC(12)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1367) : AC(475)

Additional Keywords : [Antibiotic Resistance](#) : CK(56) : AC(7)

[This paper focuses on discussing the importance of selected spices in the prevention and treatment of cardiovascular diseases.](#)

Pubmed Data : Postepy Hig Med Dosw (Online). 2016 Nov 14 ;70(0):1131-1141. Epub 2016 Nov 14. PMID: [27892897](#)

Article Published Date : Nov 13, 2016

Authors : Bartosz Kulczyński, Anna Gramza-Michałowska

Study Type : Review

Additional Links

Substances : [Cilantro](#) : CK(4) : AC(3), [Cinnamon](#) : CK(245) : AC(89), [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Cardiovascular Diseases](#) : CK(7342) : AC(916)

Additional Keywords : [Risk Reduction](#) : CK(6417) : AC(686)

[This review indicates that ginger possesses multiple properties that could be beneficial in](#)

[reducing chemotherapy induced nausea and vomiting](#)

Pubmed Data : Crit Rev Food Sci Nutr. 2015 Apr 7:0. Epub 2015 Apr 7. PMID: [25848702](#)

Article Published Date : Apr 06, 2015

Authors : Wolfgang Marx, Karin Ried, Alexandra L McCarthy, Luis Vitetta, Avni Sali, Daniel McKavanagh, Elisabeth Isebring

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[This study showed the functions of shogaol as a sensitizing agent to induce cell death of TRAIL-resistant colon cancer cells.](#)

Pubmed Data : Tumour Biol. 2015 Jun 11. Epub 2015 Jun 11. PMID: [26063410](#)

Article Published Date : Jun 10, 2015

Authors : Jung Soon Hwang, Hai-Chon Lee, Sang Cheul Oh, Dae-Hee Lee, Ki Han Kwon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Chemosensitizer : CK\(394\) : AC\(286\)](#), [Survivin Down-Regulation : CK\(15\) : AC\(13\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Turmeric and ginger work synergistically to suppress prostate cancer cell lines.](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2012 Oct 12 ;0(0):1-8. Epub 2012 Oct 12. PMID: [23072849](#)

Article Published Date : Oct 11, 2012

Authors : Kesava Rao V Kurapati, Thangavel Samikkannu, Dakshayani B Kadiyala, Saiyed M Zainulabedin, Nimisha Gandhi, Sadhana S Sathaye, Manohar A Indap, Nawal Boukli, Jose W Rodriguez, Madhavan P N Nair

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Additional Keywords : [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Z. officinale paste could be used as natural spice and a potent antitumour agent.](#)

Pubmed Data : Appl Biochem Biotechnol. 2016 Jul 19. Epub 2016 Aug 19. PMID: [27435276](#)

Article Published Date : Jul 18, 2016

Authors : Sundararaj Rubila, Thottiam Vasudevan Ranganathan, Kunnathur Murugesan Sakthivel

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lymphoma: Dalton's : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Interleukin-1 beta downregulation : CK\(478\) : AC\(205\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Zingiber zerumbet \(a member of the ginger family\) contains compounds that inhibit histone deacetylase and exhibited growth inhibitory activity on various human tumor cell lines.](#)

Pubmed Data : Pharmazie. 2008 Oct;63(10):774-6. PMID: [18972844](#)

Article Published Date : Oct 01, 2008

Authors : Ill-Min Chung, Min-Young Kim, Won-Hwan Park, Hyung-In Moon

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Tumors : CK\(203\) : AC\(119\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Histone deacetylase inhibitor : CK\(48\) : AC\(37\)](#)

[Zingiberaceae species \(e.g. ginger\) contain compounds that inhibit Epstein-Barr virus activation.](#)

Pubmed Data : Br J Cancer. 1999 Apr;80(1-2):110-6. PMID: [10389986](#)

Article Published Date : Apr 01, 1999

Authors : S Vimala, A W Norhanom, M Yadav

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Epstein-Barr Virus Infections : CK\(132\) : AC\(47\)](#)

Pharmacological Actions : [Antiviral Agents : CK\(938\) : AC\(433\)](#)

[Ginger contains phytochemicals that significantly inhibit gastric lesions.](#)

Pubmed Data : J Ethnopharmacol. 1988 Jul-Aug;23(2-3):299-304. PMID: [3193792](#)

Article Published Date : Jul 01, 1988

Authors : J Yamahara, M Mochizuki, H Q Rong, H Matsuda, H Fujimura

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#)

Topic: Turmeric

Zingiberaceae extracts are clinically effective hypoalgesic agents and the available data show a better safety profile than non steroidal anti inflammatory drugs.

Pubmed Data : Nutr J. 2015 ;14:50. Epub 2015 May 14. PMID: [25972154](#)

Article Published Date : Dec 31, 2014

Authors : Shaheen E Lakhan, Christopher T Ford, Deborah Tepper

Study Type : Meta Analysis, Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Chronic Pain : CK\(206\) : AC\(33\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Superiority of Natural Substances versus Drugs : CK\(1316\) : AC\(251\)](#)

Problem Substances : [Non-Steroidal Anti-Inflammatory Drugs \(NSAIDs\) : CK\(1905\) : AC\(215\)](#)

Dietary intake of C. longa and Z. officinale potentiates the non-specific host defences against opportunistic infections.

Pubmed Data : Cell Immunol. 2012 Nov ;280(1):92-100. Epub 2012 Dec 10. PMID: [23295981](#)

Article Published Date : Oct 31, 2012

Authors : Biswajit Chakraborty, Mahuya Sengupta

Study Type : Animal Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Curcuminoids : CK\(4224\) : AC\(2161\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Pharmacological Actions : [Immunostimulatory : CK\(265\) : AC\(60\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Ginger and Turmeric extracts may represent effective and natural therapeutic alternatives in the treatment of giardiasis.

Pubmed Data : Parasitol Res. 2016 Mar 16. Epub 2016 Mar 16. PMID: [26984104](#)

Article Published Date : Mar 15, 2016

Authors : Ahmad K Dyab, Doaa A Yones, Zedan Z Ibraheim, Tasneem M Hassan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#), [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#)

Ginger and turmeric rhizomes decreased the anti-inflammatory cytokines in hypertensive rats.

Pubmed Data : Planta Med. 2016 Mar 22. Epub 2016 Mar 22. PMID: [27002391](#)

Article Published Date : Mar 21, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Thiago Duarte, Marta Duarte, Aline Augusti Boligon, Margareth Linde Athayde, Akintunde Afolabi Akindahunsi, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Interleukin-10 downregulation : CK\(128\) : AC\(45\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Supplementation with turmeric or ginger modulated the hydrolysis of ATP, ADP and AMP.](#)

Pubmed Data : Phytother Res. 2016 May 6. Epub 2016 May 6. PMID: [27151061](#)

Article Published Date : May 05, 2016

Authors : Ayodele Jacob Akinyemi, Gustavo Roberto Thomé, Vera Maria Morsch, Nathieli B Bottari, Jucimara Baldissarelli, Lizielle Souza de Oliveira, Jeferson Ferraz Goularte, Adriane Belló-Klein, Ganiyu Oboh, Maria Rosa Chitolina Schetinger

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Hypertension : CK\(2984\) : AC\(406\)](#)

Pharmacological Actions : [Antihypertensive Agents : CK\(1178\) : AC\(164\)](#)

[Turmeric and ginger were effective in eliminating arsenic from the body but could protect from possible damage caused by arsenic exposure.](#)

Pubmed Data : J Ethnopharmacol. 2016 Aug 2. Epub 2016 Aug 2. PMID: [27496583](#)

Article Published Date : Aug 01, 2016

Authors : Suman Biswas, Chinmoy Maji, Prasanta Kumar Sarkar, Samar Sarkar, Abichal Chattopadhyay, Tapan Kumar Mandal

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Cytoprotective : CK\(190\) : AC\(94\)](#), [Detoxifier : CK\(408\) : AC\(131\)](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Ginger and garlic treatment significantly lowered the number of the blastocystis hominis parasites.

Pubmed Data : J Egypt Soc Parasitol. 2015 Apr ;45(1):93-100. PMID: [26012223](#)

Article Published Date : Mar 31, 2015

Authors : Ekhlas H Abdel-Hafeez, Azza K Ahmad, Noha H Andelgelil, Manal Z M Abdellatif, Amany M Kamal, Rabie M Mohamed

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Parasitic Intestinal Diseases : CK\(17\) : AC\(7\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Long Pepper : CK\(15\) : AC\(9\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [β-secretase Inhibitor : CK\(1\) : AC\(1\)](#)

Mango ginger treatment inhibited tumor growth rate with and without VBL and increased the survival rate significantly.

Pubmed Data : Phytother Res. 2015 May 4. Epub 2015 May 4. PMID: [25939344](#)

Article Published Date : May 03, 2015

Authors : Cheppail Ramachandran, Karl-W Quirin, Enrique A Escalon, Ivonne V Lollett, Steven J Melnick

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Rhabdomyosarcoma : CK\(3\) : AC\(2\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [Cyclooxygenase 2 Inhibitors : CK\(464\) : AC\(272\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

This paper focuses on discussing the importance of selected spices in the prevention and treatment of cardiovascular diseases.

Pubmed Data : Postepy Hig Med Dosw (Online). 2016 Nov 14 ;70(0):1131-1141. Epub 2016 Nov 14. PMID: [27892897](#)

Article Published Date : Nov 13, 2016

Authors : Bartosz Kulczyński, Anna Gramza-Michałowska

Study Type : Review

Additional Links

Substances : [Cilantro : CK\(4\) : AC\(3\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Cardiovascular Diseases : CK\(7342\) : AC\(916\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Turmeric and ginger work synergistically to suppress prostate cancer cell lines.](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2012 Oct 12 ;0(0):1-8. Epub 2012 Oct 12. PMID: [23072849](#)

Article Published Date : Oct 11, 2012

Authors : Kesava Rao V Kurapati, Thangavel Samikkannu, Dakshayani B Kadiyala, Saiyed M Zainulabedin, Nimisha Gandhi, Sadhana S Sathaye, Manohar A Indap, Nawal Boukli, Jose W Rodriguez, Madhavan P N Nair

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Additional Keywords : [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Cinnamon](#)

[Ginger and cinnamon intake have positive effects on inflammation and muscle soreness endured by exercise in Iranian female athletes.](#)

Pubmed Data : Int J Prev Med. 2013 Apr ;4(Suppl 1):S11-5. PMID: [23717759](#)

Article Published Date : Mar 31, 2013

Authors : Nafiseh Shokri Mashhadi, Reza Ghiasvand, Gholamreza Askari, Awat Feizi, Mitra Hariri, Leila Darvishi, Azam Barani, Maryam Taghiyar, Afshin Shiranian, Maryam Hajishafiee

Study Type : Human Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Muscle Soreness: Exercise-Induced : CK\(164\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Combined ginger and cinnamon have significant beneficial effects on the sperm viability, motility, and serum total testosterone, LH,FSH and serum anti-oxidants level](#)

Pubmed Data : Afr J Tradit Complement Altern Med. 2014 ;11(4):1-8. Epub 2014 Jun 4. PMID: [25392573](#)

Article Published Date : Dec 31, 2013

Authors : Arash Khaki, Amir Afshin Khaki, Laleh Hajhosseini, Farhad Sadeghpour Golzar, Nava Ainehchi

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Spermatogenic : CK\(12\) : AC\(2\)](#)

[Ginger and cinnamon extracts had potential therapeutic effects on G. lamblia infection in albino rats as a promising alternative therapy to the commonly used anti giardial drugs.](#)

Pubmed Data : Iran J Parasitol. 2014 Oct-Dec;9(4):530-40. PMID: [25759734](#)

Article Published Date : Sep 30, 2014

Authors : Abeer Mahmoud, Rasha Attia, Safaa Said, Zedan Ibraheim

Study Type : Animal Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Giardiasis : CK\(29\) : AC\(8\)](#)

Pharmacological Actions : [Antigiardial agents : CK\(4\) : AC\(2\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Antiprotozoal Agents : CK\(47\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(24\) : AC\(4\)](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum : CK\(6\) : AC\(3\)](#), [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Japanese Herbal Formula: Sho-saiko-to : CK\(2\) : AC\(1\)](#), [Jujube : CK\(12\) : AC\(2\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Peony : CK\(50\) : AC\(14\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Trigeminal Neuralgia : CK\(140\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

[Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.](#)

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Long Pepper : CK\(15\) : AC\(9\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [β-secretase Inhibitor : CK\(1\) : AC\(1\)](#)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[These spices could be as potential antimicrobial agents for inclusion in the anti-enterococcal treatment regimen.](#)

Pubmed Data : Arch Med Sci. 2015 Aug 12 ;11(4):863-8. Epub 2015 Aug 11. PMID: [26322099](#)

Article Published Date : Aug 11, 2015

Authors : Sharma Revati, Chapagain Bipin, Pai Bhat Chitra, Bhattacharjee Minakshi

Study Type : In Vitro Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Enterococcus Infections : CK\(16\) : AC\(12\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Antibiotic Resistance : CK\(56\) : AC\(7\)](#)

[This paper focuses on discussing the importance of selected spices in the prevention and treatment of cardiovascular diseases.](#)

Pubmed Data : Postepy Hig Med Dosw (Online). 2016 Nov 14 ;70(0):1131-1141. Epub 2016 Nov 14. PMID: [27892897](#)

Article Published Date : Nov 13, 2016

Authors : Bartosz Kulczyński, Anna Gramza-Michałowska

Study Type : Review

Additional Links

Substances : [Cilantro : CK\(4\) : AC\(3\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Cardiovascular Diseases : CK\(7342\) : AC\(916\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

Topic: Gingerol

"6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice."

Pubmed Data : Toxicol Lett. 2012 Jan 10 ;210(1):34-43. Epub 2012 Jan 10. PMID: [22285432](#)

Article Published Date : Jan 10, 2012

Authors : Debrup Chakraborty, Avinaba Mukherjee, Sourav Sikdar, Avijit Paul, Samrat Ghosh, Anisur Rahman Khuda-Bukhsh

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#), [Insulin Resistance : CK\(1683\) : AC\(346\)](#)

Pharmacological Actions : [Insulin Sensitizers : CK\(350\) : AC\(70\)](#)

6-gingerol may be useful in the prevention and treatment of alzheimer's disease.

Pubmed Data : Rejuvenation Res. 2015 Mar 26. Epub 2015 Mar 26. PMID: [25811848](#)

Article Published Date : Mar 25, 2015

Authors : Gao-Feng Zeng, Shao-Hui Zong, Zhi-Yong Zhang, Song-Wen Fu, Ke-Ke Li, Ye Fang, Li Lu, De-Qiang Xiao

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#),

[Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [Nitric Oxide Inhibitor : CK\(223\) : AC\(108\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

6-Gingerol-rich fraction from Zingiber officinale ameliorates carbendazim-induced endocrine disruption.

Pubmed Data : Andrologia. 2016 Aug 22. Epub 2016 Aug 22. PMID: [27546232](#)

Article Published Date : Aug 21, 2016

Authors : M Salihu, B O Ajayi, I A Adedara, D de Souza, J B T Rocha, E O Farombi

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Endocrine Imbalances : CK\(15\) : AC\(5\)](#)

Pharmacological Actions : [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Endocrine Disrupting Chemicals \(EDCs\) : CK\(48\) : AC\(8\)](#)

Ginger and constituent 6-gingerol could be used the prevention or alleviation of allergic rhinitis symptoms.

Pubmed Data : J Nutr Biochem. 2015 Sep 1. Epub 2015 Sep 1. PMID: [26403321](#)

Article Published Date : Aug 31, 2015

Authors : Yoshiyuki Kawamoto, Yuki Ueno, Emiko Nakahashi, Momoko Obayashi, Kento Sugihara, Shanlou Qiao, Machiko Iida, Mayuko Y Kumasaaka, Ichiro Yajima, Yuji Goto, Nobutaka Ohgami, Masashi Kato, Kozue Takeda

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Allergic Rhinitis : CK\(392\) : AC\(52\)](#), [Allergic Rhinitis: Prevention : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Anti-Allergic Agents : CK\(167\) : AC\(61\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Ginger extract inhibited cell proliferation and subsequently induced the autotic death of pancreatic cancer Panc-1 cells.

Pubmed Data : PLoS One. 2015 ;10(5):e0126605. Epub 2015 May 11. PMID: [25961833](#)

Article Published Date : Dec 31, 2014

Authors : Miho Akimoto, Mari Iizuka, Rie Kanematsu, Masato Yoshida, Keizo Takenaga

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Autophagy Up-regulation : CK\(108\) : AC\(65\)](#)

[These results demonstrated that sustained activation of the PPAR \$\delta\$ pathway with GE attenuated diet-induced obesity and improved exercise endurance capacity.](#)

Pubmed Data : J Nutr Biochem. 2015 May 28. Epub 2015 May 28. PMID: [26101135](#)

Article Published Date : May 27, 2015

Authors : Koichi Misawa, Kojiro Hashizume, Masaki Yamamoto, Yoshihiko Minegishi, Tadashi Hase, Akira Shimotoyodome

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [High Fat Diet : CK\(212\) : AC\(103\)](#), [Obesity : CK\(3022\) : AC\(467\)](#)

Additional Keywords : [Anti-Obesity Agents : CK\(487\) : AC\(108\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Zingiber officinale attenuates retinal microvascular changes in STZ-induced diabetic rats.](#)

Pubmed Data : Mol Vis. 2016 ;22:599-609. Epub 2016 Jun 9. PMID: [27293376](#)

Article Published Date : Dec 31, 2015

Authors : Shirish Dongare, Suresh K Gupta, Rajani Mathur, Rohit Saxena, Sandeep Mathur, Renu Agarwal, Tapas C Nag, Sushma Srivastava, Pankaj Kumar

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Angiogenic : CK\(197\) : AC\(137\)](#), [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [NF-kappaB Inhibitor : CK\(1114\) : AC\(694\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#), [Vascular Endothelial Growth Factor Inhibitors : CK\(123\) : AC\(61\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger has an important anti-hydatic effect in vitro.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):749-56. Epub 2016 Jun 29. PMID: [27569883](#)

Article Published Date : Jul 31, 2016

Authors : Manel Amri, Chafia Touil-Boukoffa

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Hydatidosis : CK\(1\) : AC\(1\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

[Gingerol is a sensitizing agent which induces cell death of TRAIL resistant glioblastoma cells.](#)

Pubmed Data : Toxicol Appl Pharmacol. 2014 Sep 15 ;279(3):253-65. Epub 2014 Jul 14. PMID: [25034532](#)

Article Published Date : Sep 14, 2014

Authors : Dae-Hee Lee, Dong-Wook Kim, Chang-Hwa Jung, Yong J Lee, Daeho Park

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Glioblastoma : CK\(200\) : AC\(88\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Bcl-2 protein down-regulation : CK\(198\) : AC\(131\)](#), [TRAIL sensitizer : CK\(3\) : AC\(2\)](#)
Additional Keywords : [Apoptosis Regulatory Proteins : CK\(1\) : AC\(1\)](#)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[The content of 6-shogaol is very low in fresh ginger, but significantly higher after steaming.](#)

Pubmed Data : Am J Chin Med. 2015 Oct 18:1-13. Epub 2015 Oct 18. PMID: [26477795](#)

Article Published Date : Oct 17, 2015

Authors : Chong-Zhi Wang, Lian-Wen Qi, Chun-Su Yuan

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[The use of ginger and especially gingerols as medicinal food derivative appears to be safe in treating or preventing chronic diseases.](#)

Pubmed Data : Adv Exp Med Biol. 2016 ;929:177-207. PMID: [27771925](#)

Article Published Date : Dec 31, 2015

Authors : Yasmin Anum Mohd Yusof

Study Type : Review

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Chronic Disease : CK\(84\) : AC\(10\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

[These findings showed the potential effects of 6S and 6G on the prevention of protein glycation.](#)

Pubmed Data : Chem Res Toxicol. 2015 Aug 6. Epub 2015 Aug 6. PMID: [26247545](#)

Article Published Date : Aug 05, 2015

Authors : Yingdong Zhu, Yantao Zhao, Pei Wang, Mohamed Ahmedna, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Advanced Glycation Endproduct \(AGE\) Formation : CK\(7\) : AC\(3\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Cardamom](#)

[Aromatherapy is promising as an inexpensive, noninvasive treatment for postoperative nausea that can be administered and controlled by patients as needed.](#)

Pubmed Data : Anesth Analg. 2013 Sep ;117(3):597-604. Epub 2012 Mar 5. PMID: [22392970](#)

Article Published Date : Aug 31, 2013

Authors : Ronald Hunt, Jacqueline Dienemann, H James Norton, Wendy Hartley, Amanda Hudgens, Thomas Stern, George Divine

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Peppermint : CK\(333\) : AC\(53\)](#), [Spearmint : CK\(45\) : AC\(7\)](#)

Diseases : [Nausea: Post-Operative : CK\(31\) : AC\(4\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.](#)

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Long Pepper : CK\(15\) : AC\(9\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [β-secretase Inhibitor : CK\(1\) : AC\(1\)](#)

Topic: [Artichoke](#)

[A standardized extract of ginger and artichoke significantly promoted gastric emptying in healthy volunteers.](#)

Pubmed Data : Eur Rev Med Pharmacol Sci. 2016 Jan ;20(1):146-9. PMID: [26813467](#)

Article Published Date : Dec 31, 2015

Authors : S Lazzini, W Polinelli, A Riva, P Morazzoni, E Bombardelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Delayed Gastric Emptying : CK\(107\) : AC\(13\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger and artichoke leaf extracts appears efficacious in the treatment of functional dyspepsia and could represent a promising and safe treatment strategy for this frequent disease.](#)

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:915087. Epub 2015 Apr 14. PMID: [25954317](#)

Article Published Date : Dec 31, 2014

Authors : Attilio Giacosa, Davide Guido, Mario Grassi, Antonella Riva, Paolo Morazzoni, Ezio Bombardelli, Simone Perna, Milena A Faliva, Mariangela Rondanelli

Study Type : Human Study

Additional Links

Substances : [Artichoke : CK\(157\) : AC\(33\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Dyspepsia : CK\(254\) : AC\(29\)](#)

Pharmacological Actions : [Gastrointestinal Agents : CK\(268\) : AC\(41\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Garlic](#)

[A spice mixture containing garlic, ginger and nutmeg possesses both therapeutic and prophylactic effect against Cd-induced organ damage.](#)

Pubmed Data : Adv Pharm Bull. 2016 Jun ;6(2):271-4. Epub 2016 Jun 30. PMID: [27478792](#)

Article Published Date : May 31, 2016

Authors : Emmanuel Ike Ugwuja, Omotayo O Erejuwa, Nicholas C Ugwu

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Nutmeg : CK\(28\) : AC\(18\)](#)

Diseases : [Cadmium Poisoning : CK\(131\) : AC\(62\)](#)

Pharmacological Actions : [Renoprotective : CK\(572\) : AC\(254\)](#)

[Dietary garlic and especially ginger have anti-diabetic effects.](#)

Pubmed Data : J Med Food. 2008 Mar;11(1):152-9. PMID: [18361751](#)

Article Published Date : Mar 01, 2008

Authors : Md Shahidul Islam, Haymie Choi

Study Type : Animal Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#)

Pharmacological Actions : [Insulin-releasing : CK\(62\) : AC\(28\)](#)

Additional Keywords : [Insulinotrophic : CK\(2\) : AC\(1\)](#)

[Antibacterial effect of Allium sativum cloves and Zingiber officinale rhizomes against multiple-drug resistant clinical pathogens.](#)

Pubmed Data : Asian Pac J Trop Biomed. 2012 Aug ;2(8):597-601. PMID: [23569978](#)

Article Published Date : Jul 31, 2012

Authors : Ponmurugan Karuppiah, Shyamkumar Rajaram

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#), [Infection: Antibiotic Resistant : CK\(411\) : AC\(149\)](#)

[Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and may be useful as natural antithrombotic agents.](#)

Pubmed Data : Biomed Biochim Acta. 1984;43(8-9):S335-46. PMID: [6440548](#)

Article Published Date : Jan 01, 1984

Authors : K C Srivastava

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#)

Diseases : [Thrombosis : CK\(316\) : AC\(81\)](#)

Pharmacological Actions : [Anti-Platelet : CK\(125\) : AC\(38\)](#), [Anti-thrombotic : CK\(56\) : AC\(24\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Ginger and garlic treatment significantly lowered the number of the blastocystis hominis](#)

[parasites.](#)

Pubmed Data : J Egypt Soc Parasitol. 2015 Apr ;45(1):93-100. PMID: [26012223](#)

Article Published Date : Mar 31, 2015

Authors : Ekhlash H Abdel-Hafeez, Azza K Ahmad, Noha H Andelgelil, Manal Z M Abdellatif, Amany M Kamal, Rabie M Mohamed

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Parasitic Intestinal Diseases : CK\(17\) : AC\(7\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

[Ginger, Garlic, Clove, and Anise \(in order of efficacy\) reduce the adverse effects of arsenite in mouse bone marrow cells.](#)

Pubmed Data : Afr J Med Med Sci. 2003 Mar;32(1):75-80. PMID: [15030071](#)

Article Published Date : Mar 01, 2003

Authors : O A Odunola

Study Type : In Vitro Study

Additional Links

Substances : [Anise : CK\(29\) : AC\(8\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The role of diallyl sulfides and dipropyl sulfides in the in vitro antimicrobial activity of the essential oil of garlic, Allium sativum L., and Leek, Allium porrum L.](#)

Pubmed Data : Phytother Res. 2013 Mar ;27(3):380-3. Epub 2012 May 21. PMID: [22610968](#)

Article Published Date : Feb 28, 2013

Authors : Sergio Casella, Michele Leonardi, Bernardo Melai, Filippo Fratini, Luisa Pistelli

Study Type : Bacterial

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Bacterial Infections: Resistance/Biofilm Formation : CK\(309\) : AC\(120\)](#)

Additional Keywords : [Multi-Drug Resistant Pathogens : CK\(16\) : AC\(15\)](#)

[This paper focuses on discussing the importance of selected spices in the prevention and treatment of cardiovascular diseases.](#)

Pubmed Data : Postepy Hig Med Dosw (Online). 2016 Nov 14 ;70(0):1131-1141. Epub 2016 Nov 14. PMID: [27892897](#)

Article Published Date : Nov 13, 2016

Authors : Bartosz Kulczyński, Anna Gramza-Michałowska

Study Type : Review

Additional Links

Substances : [Cilantro](#) : CK(4) : AC(3), [Cinnamon](#) : CK(245) : AC(89), [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Cardiovascular Diseases](#) : CK(7342) : AC(916)

Additional Keywords : [Risk Reduction](#) : CK(6417) : AC(686)

Topic: [6-Shogaol](#)

[Ginger extract inhibited cell proliferation and subsequently induced the autotic death of pancreatic cancer Panc-1 cells.](#)

Pubmed Data : PLoS One. 2015 ;10(5):e0126605. Epub 2015 May 11. PMID: [25961833](#)

Article Published Date : Dec 31, 2014

Authors : Miho Akimoto, Mari Iizuka, Rie Kanematsu, Masato Yoshida, Keizo Takenaga

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol](#) : CK(38) : AC(26), [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [Pancreatic Cancer](#) : CK(890) : AC(260)

Pharmacological Actions : [Antiproliferative](#) : CK(2546) : AC(1685), [Autophagy Up-regulation](#) : CK(108) : AC(65)

[These results demonstrated that sustained activation of the PPAR \$\delta\$ pathway with GE attenuated diet-induced obesity and improved exercise endurance capacity.](#)

Pubmed Data : J Nutr Biochem. 2015 May 28. Epub 2015 May 28. PMID: [26101135](#)

Article Published Date : May 27, 2015

Authors : Koichi Misawa, Kojiro Hashizume, Masaki Yamamoto, Yoshihiko Minegishi, Tadashi Hase, Akira Shimotoyodome

Study Type : Animal Study

Additional Links

Substances : [6-Shogaol](#) : CK(38) : AC(26), [Ginger](#) : CK(696) : AC(184), [Gingerol](#) : CK(53) : AC(31)

Diseases : [High Fat Diet](#) : CK(212) : AC(103), [Obesity](#) : CK(3022) : AC(467)

Additional Keywords : [Anti-Obesity Agents](#) : CK(487) : AC(108), [Plant Extracts](#) : CK(7645) : AC(2539)

[Ginger extracts, including the water extract possess the antioxidant activities to inhibit human LDL oxidation in vitro.](#)

Pubmed Data : J Med Food. 2014 Apr ;17(4):424-31. Epub 2014 Jan 9. PMID: [24404979](#)

Article Published Date : Mar 31, 2014

Authors : K D Prasanna P Gunathilake, H P Vasantha Rupasinghe

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol](#) : CK(38) : AC(26), [Ginger](#) : CK(696) : AC(184)

Diseases : [Cholesterol: Oxidation](#) : CK(518) : AC(117)

Pharmacological Actions : [Antioxidants](#) : CK(7529) : AC(2682)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[In this review, the evidences for the chemopreventive and chemotherapeutic potential of ginger extract and its active components using in vitro, animal models, and patients have been described.](#)

Pubmed Data : Gastroenterol Res Pract. 2015 ;2015:142979. Epub 2015 Mar 8. PMID: [25838819](#)

Article Published Date : Dec 31, 2014

Authors : Sahdeo Prasad, Amit K Tyagi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#), [Gastrointestinal Cancer : CK\(47\) : AC\(14\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Anticarcinogenic Agents : CK\(1099\) : AC\(519\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Chemotherapeutic : CK\(397\) : AC\(152\)](#)

Additional Keywords : [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

[In vivo and in vitro studies have established that phenolic components of ginger induce apoptosis and autophagy and inhibit metastasis.](#)

Pubmed Data : Curr Pharm Des. 2016 Jun 8. Epub 2016 Jun 8. PMID: [27290916](#)

Article Published Date : Jun 07, 2016

Authors : Indu Pal Kaur, Parneet Kaur Deol, Kanthi Kiran, Mahendra Bishnoi

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancer Metastasis : CK\(442\) : AC\(206\)](#), [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Autophagy Inhibitors : CK\(26\) : AC\(13\)](#)

[Metabolites of \[6\]-shogaol can account for the bioactivity of the parent compound, and specifically triggers molecular pathways responsible for cancer cell death in a similar fashion.](#)

Pubmed Data : PLoS One. 2013 ;8(1):e54677. Epub 2013 Jan 30. PMID: [23382939](#)

Article Published Date : Dec 31, 2012

Authors : Yingdong Zhu, Renaud F Warin, Dominique N Soroka, Huadong Chen, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#)

Additional Keywords : [Metabolites : CK\(64\) : AC\(20\)](#)

[The content of 6-shogaol is very low in fresh ginger, but significantly higher after steaming.](#)

Pubmed Data : Am J Chin Med. 2015 Oct 18:1-13. Epub 2015 Oct 18. PMID: [26477795](#)

Article Published Date : Oct 17, 2015

Authors : Chong-Zhi Wang, Lian-Wen Qi, Chun-Su Yuan

Study Type : Review

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Cancers: All : CK\(14773\) : AC\(4596\)](#)

Pharmacological Actions : [Chemopreventive : CK\(2835\) : AC\(787\)](#)

[These findings showed the potential effects of 6S and 6G on the prevention of protein glycation.](#)

Pubmed Data : Chem Res Toxicol. 2015 Aug 6. Epub 2015 Aug 6. PMID: [26247545](#)

Article Published Date : Aug 05, 2015

Authors : Yingdong Zhu, Yantao Zhao, Pei Wang, Mohamed Ahmedna, Shengmin Sang

Study Type : In Vitro Study

Additional Links

Substances : [6-Shogaol : CK\(38\) : AC\(26\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gingerol : CK\(53\) : AC\(31\)](#)

Diseases : [Advanced Glycation Endproduct \(AGE\) Formation : CK\(7\) : AC\(3\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Ayurvedic Formulations](#)

[Comparable efficacy of standardized Ayurveda formulation and hydroxychloroquine sulfate \(HCQS\) in the treatment of rheumatoid arthritis \(RA\).](#)

Pubmed Data : Clin Rheumatol. 2012 Feb ;31(2):259-69. Epub 2011 Jul 20. PMID: [21773714](#)

Article Published Date : Jan 31, 2012

Authors : Arvind Chopra, Manjit Saluja, Girish Tillu, Anuradha Venugopalan, Gumdal Narsimulu, Rohini Handa, Lata Bichile, Ashwinikumar Raut, Sanjeev Sarmukaddam, Bhushan Patwardhan

Study Type : Human Study

Additional Links

Substances : [Ayurvedic Formulations : CK\(135\) : AC\(22\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Rheumatoid Arthritis : CK\(706\) : AC\(117\)](#)

Additional Keywords : [Natural Substances Versus Drugs : CK\(1698\) : AC\(302\)](#), [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Problem Substances : [Hydroxychloroquine sulfate : CK\(10\) : AC\(1\)](#)

Topic: [Lavender](#)

[Lavender and ginger oil reduce distress levels in children before undergoing anesthesia.](#)

Pubmed Data : J Perianesth Nurs. 2009 Oct;24(5):307-12. PMID: [19853815](#)

Article Published Date : Oct 01, 2009

Authors : DeeAnn Nord, John Belew

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Lavender : CK\(363\) : AC\(45\)](#)

Diseases : [Anxiety: Preoperative : CK\(30\) : AC\(3\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Topic: [Orange](#)

[Aroma-massage therapy with ginger and orange oil have potential as an alternative method for short-term knee pain relief.](#)

Pubmed Data : Microbes Infect. 2006 May;8(6):1450-4. Epub 2006 Mar 29. PMID: [18534325](#)

Article Published Date : May 01, 2006

Authors : Yin Bing Yip, Ada Chung Ying Tam

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Orange : CK\(170\) : AC\(35\)](#)

Diseases : [Osteoarthritis: Knee : CK\(517\) : AC\(53\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#), [Massage/Therapeutic Touch : CK\(810\) : AC\(81\)](#)

Topic: [Peppermint](#)

[Aromatherapy is promising as an inexpensive, noninvasive treatment for postoperative nausea that can be administered and controlled by patients as needed.](#)

Pubmed Data : Anesth Analg. 2013 Sep ;117(3):597-604. Epub 2012 Mar 5. PMID: [22392970](#)

Article Published Date : Aug 31, 2013

Authors : Ronald Hunt, Jacqueline Dienemann, H James Norton, Wendy Hartley, Amanda Hudgens, Thomas Stern, George Divine

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Peppermint : CK\(333\) : AC\(53\)](#), [Spearmint : CK\(45\) : AC\(7\)](#)

Diseases : [Nausea: Post-Operative : CK\(31\) : AC\(4\)](#)

Therapeutic Actions : [Aromatherapy : CK\(652\) : AC\(65\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Significant Treatment Outcome : CK\(3038\) : AC\(366\)](#)

Topic: [Protein Supplement](#)

[Protein and ginger may have therapeutic value in the treatment of chemotherapy-induced delayed nausea.](#)

Pubmed Data : J Altern Complement Med. 2008 Jun;14(5):545-51. PMID: [18537470](#)

Article Published Date : Jun 01, 2008

Authors : Max E Levine, Marcum G Gillis, Sara Yanchis Koch, Anne C Voss, Robert M Stern, Kenneth L Koch

Study Type : Human Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Protein Supplement : CK\(73\) : AC\(7\)](#)

Diseases : [Chemotherapy-Induced Nausea : CK\(153\) : AC\(17\)](#), [Nausea : CK\(50\) : AC\(5\)](#)

Pharmacological Actions : [Antiemetics : CK\(40\) : AC\(4\)](#)

Topic: [Saffron](#)

[The herbal remedies examined had significantly beneficial effects on cholesterol in T2D patients.](#)

Pubmed Data : Rev Diabet Stud. 2014 Fall-Winter;11(3-4):258-66. Epub 2015 Feb 10. PMID: [26177486](#)

Article Published Date : Aug 31, 2014

Authors : Paria Azimi, Reza Ghiasvand, Awat Feizi, Mitra Hariri, Behnoud Abbasi

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Saffron : CK\(255\) : AC\(63\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [High Cholesterol : CK\(1774\) : AC\(271\)](#)

Pharmacological Actions : [Anticholesteremic Agents : CK\(1244\) : AC\(230\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Spearmint](#)

[Aromatherapy is promising as an inexpensive, noninvasive treatment for postoperative nausea that can be administered and controlled by patients as needed.](#)

Pubmed Data : Anesth Analg. 2013 Sep ;117(3):597-604. Epub 2012 Mar 5. PMID: [22392970](#)

Article Published Date : Aug 31, 2013

Authors : Ronald Hunt, Jacqueline Dienemann, H James Norton, Wendy Hartley, Amanda Hudgens, Thomas Stern, George Divine

Study Type : Human Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Peppermint : CK\(333\) : AC\(53\)](#), [Spearmint : CK\(45\) : AC\(7\)](#)

Diseases : [Nausea: Post-Operative](#) : CK(31) : AC(4)

Therapeutic Actions : [Aromatherapy](#) : CK(652) : AC(65)

Additional Keywords : [Essential Oils](#) : CK(181) : AC(69), [Significant Treatment Outcome](#) : CK(3038) : AC(366)

Topic: [Vitamin B-6](#)

[Ginger and Vitamin B6 are both effective in treating naseau and vomiting in pregnancy.](#)

Pubmed Data : Midwifery. 2008 Feb 11. PMID: [18272271](#)

Article Published Date : Feb 11, 2008

Authors : Jenabi Ensiyeh, Mohammad-Alizadeh C Sakineh

Study Type : Human Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Vitamin B-6](#) : CK(435) : AC(54)

Diseases : [Naseau: Pregnancy-Associated](#) : CK(21) : AC(3)

Topic: [Black Pepper](#)

[Both in vivo and in vitro results confirm the efficacy of black pepper, ginger and thyme extracts extracts as natural antimicrobials and suggests the possibility of using them in treatment procedures.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2014 Oct-Dec;27(4):531-41. PMID: [25572733](#)

Article Published Date : Sep 30, 2014

Authors : M A Nassan, E H Mohamed

Study Type : Animal Study, In Vitro Study

Additional Links

Substances : [Black Pepper](#) : CK(229) : AC(96), [Ginger](#) : CK(696) : AC(184), [Thyme](#) : CK(81) : AC(40)

Diseases : [Pyelonephritis](#) : CK(17) : AC(4)

Pharmacological Actions : [Antimicrobial](#) : CK(293) : AC(128)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24:1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper](#) : CK(229) : AC(96), [Capsaicin](#) : CK(129) : AC(55), [Ginger](#) : CK(696) : AC(184), [Piperine](#) : CK(114) : AC(60), [Red Pepper](#) : CK(4) : AC(2)

Diseases : [Malabsorption Syndrome](#) : CK(54) : AC(15), [Microvilli atrophy](#) : CK(4) : AC(1)

Additional Keywords : [Nutrient Absorption](#) : CK(4) : AC(2)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf](#) : CK(56) : AC(28), [Black Pepper](#) : CK(229) : AC(96), [Coriandor](#) : CK(1) : AC(1), [Cumin](#) : CK(55) :

[AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Catechols](#)

[A compound in ginger known as 6-Gingerol prevents cisplatin-induced acute renal failure in rats.](#)

Pubmed Data : J Agric Food Chem. 2005 Apr 6;53(7):2446-50. PMID: [16971750](#)

Article Published Date : Apr 06, 2005

Authors : Anurag Kuhad, Naveen Tirkey, Sangeeta Pilkhwai, Kanwaljit Chopra

Study Type : Animal Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin : CK\(319\) : AC\(133\)](#), [Oxidative Stress : CK\(3871\) : AC\(1382\)](#)

Pharmacological Actions : [Antineoplastic Agents : CK\(1158\) : AC\(639\)](#), [Renoprotective : CK\(572\) : AC\(254\)](#)

[A compound from ginger, 6\]-gingerol, may be an effective agent in the treatment of skin cancer.](#)

Pubmed Data : Chem Biol Interact. 2009 Sep 14;181(1):77-84. Epub 2009 May 27. PMID: [19481070](#)

Article Published Date : Sep 14, 2009

Authors : Nidhi Nigam, Kulpreet Bhui, Sahdeo Prasad, Jasmine George, Yogeshwer Shukla

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Skin Cancer: Squamous Cell : CK\(56\) : AC\(20\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

[Ginger exhibits anti-lung cancer properties.](#)

Pubmed Data : J Med Food. 2010 Dec;13(6):1347-54. PMID: [21091248](#)

Article Published Date : Dec 01, 2010

Authors : Wirote Tuntiwechapikul, Thanachai Taka, Chonnipa Songsomboon, Navakoon Kaewtunjai, Arisa Imsumran, Luksana Makonkawkeyoon, Wilart Pompimon, T Randall Lee

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Lung Cancer : CK\(1043\) : AC\(393\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Telomerase Inhibitor : CK\(55\) : AC\(35\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Gingerol, a compound found within ginger, inhibits metastasis of human breast cancer cells.](#)

Pubmed Data : J Nutr Biochem. 2008 May;19(5):313-9. Epub 2007 Aug 1. PMID: [17683926](#)

Article Published Date : May 01, 2008

Authors : Hyun Sook Lee, Eun Young Seo, Nam E Kang, Woo Kyung Kim

Study Type : In Vitro Study

Additional Links

Substances : [Catechols : CK\(14\) : AC\(11\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Cancer Metastasis : CK\(442\) : AC\(206\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Matrix metalloproteinase-2 \(MMP-2\) inhibitor : CK\(287\) : AC\(147\)](#)

Topic: [Zerumbone](#)

[Zerumbone was able to induce apoptosis of pancreatic carcinoma cell lines](#)

Pubmed Data : Evid Based Complement Alternat Med. 2012 ;2012:936030. Epub 2012 Jan 29. PMID: [22454691](#)

Article Published Date : Jan 01, 2012

Authors : Songyan Zhang, Qiaojing Liu, Yanju Liu, Hong Qiao, Yu Liu

Study Type : Human In Vitro

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Zerumbone : CK\(5\) : AC\(1\)](#)

Diseases : [Pancreatic Cancer : CK\(890\) : AC\(260\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Caspase-3 Activation : CK\(91\) : AC\(66\)](#), [P21 Activation : CK\(72\) : AC\(47\)](#), [Tumor Suppressor Protein p53 Upregulation : CK\(293\) : AC\(202\)](#)

Additional Keywords : [Zerumbone : CK\(5\) : AC\(1\)](#)

Topic: [Capsaicin](#)

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#)

Diseases : [Fat Malabsorption : CK\(2\) : AC\(1\)](#), [Indigestion: Fats : CK\(2\) : AC\(1\)](#), [Steatorrhea : CK\(12\) : AC\(2\)](#)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase : CK\(12\) : AC\(2\)](#)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24:1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Capsaicin : CK\(129\) : AC\(55\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Piperine : CK\(114\) : AC\(60\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Malabsorption Syndrome : CK\(54\) : AC\(15\)](#), [Microvilli atrophy : CK\(4\) : AC\(1\)](#)

Additional Keywords : [Nutrient Absorption : CK\(4\) : AC\(2\)](#)

Topic: [Curcumin](#)

[Dietary intake of *C. longa* and *Z. officinale* potentiates the non-specific host defences against opportunistic infections.](#)

Pubmed Data : Cell Immunol. 2012 Nov ;280(1):92-100. Epub 2012 Dec 10. PMID: [23295981](#)

Article Published Date : Oct 31, 2012

Authors : Biswajit Chakraborty, Mahuya Sengupta

Study Type : Animal Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Curcuminoids : CK\(4224\) : AC\(2161\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Pharmacological Actions : [Immunostimulatory : CK\(265\) : AC\(60\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Curcumin, Resveratrol and Gingerol decrease prostate inflammation](#)

Pubmed Data : Carcinogenesis. 2007 Jun;28(6):1188-96. Epub 2006 Dec 6. PMID: [17151092](#)

Article Published Date : Jun 01, 2007

Authors : Larisa Nonn, David Duong, Donna M Peehl

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Resveratrol : CK\(1283\) : AC\(746\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

[Hexahydrocurcumin has a cytotoxic effect against human colorectal cancer cells.](#)

Pubmed Data : Nat Prod Commun. 2011 Nov ;6(11):1671-2. PMID: [22224285](#)

Article Published Date : Nov 01, 2011

Authors : Chung-Yi Chen, Woei-Ling Yang, Soong-Yu Kuo

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Colorectal Cancer : CK\(1646\) : AC\(619\)](#)

Pharmacological Actions : [Cell cycle arrest : CK\(810\) : AC\(612\)](#)

Topic: [Peony](#)

[A combination of ginger and peony root may prevent memory impairment in AD by inhibiting A \$\beta\$ accumulation and inflammation in the brain.](#)

Pubmed Data : J Alzheimers Dis. 2015 Nov 30. Epub 2015 Nov 30. PMID: [26639976](#)

Article Published Date : Nov 29, 2015

Authors : Soonmin Lim, Jin Gyu Choi, Minho Moon, Hyo Geun Kim, Wonil Lee, Hyoung-Rok Bak, Hachang Sung, Chi Hye Park, Sun Yeou Kim, Myung Sook Oh

Study Type : Transgenic Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Peony](#) : CK(50) : AC(14)

Diseases : [Alzheimer's Disease](#) : CK(1292) : AC(382), [Brain Inflammation](#) : CK(274) : AC(145)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4861) : AC(1630), [Cyclooxygenase 2 Inhibitors](#) : CK(464) : AC(272)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum](#) : CK(6) : AC(3), [Chinese Skullcap](#) : CK(127) : AC(66), [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184), [Japanese Herbal Formula: Sho-saiko-to](#) : CK(2) : AC(1), [Jujube](#) : CK(12) : AC(2), [Licorice](#) : CK(345) : AC(110), [Peony](#) : CK(50) : AC(14), [Pinellia](#) : CK(2) : AC(1)

Diseases : [Trigeminal Neuralgia](#) : CK(140) : AC(18)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Topic: [Piperine](#)

[Dietary ginger and other spice compounds enhance fat digestion and absorption in high-fat fed situation through enhanced secretion of bile salts and a stimulation of the activity pancreatic lipase.](#)

Pubmed Data : J Sci Food Agric. 2011 Sep 14. Epub 2011 Sep 14. PMID: [21918995](#)

Article Published Date : Sep 13, 2011

Authors : Usha Ns Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Capsaicin](#) : CK(129) : AC(55), [Ginger](#) : CK(696) : AC(184), [Piperine](#) : CK(114) : AC(60)

Diseases : [Fat Malabsorption](#) : CK(2) : AC(1), [Indigestion: Fats](#) : CK(2) : AC(1), [Steatorrhea](#) : CK(12) : AC(2)

Pharmacological Actions : [Enzyme Inhibitors: Pancreatic Lipase](#) : CK(12) : AC(2)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24:1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper](#) : CK(229) : AC(96), [Capsaicin](#) : CK(129) : AC(55), [Ginger](#) : CK(696) : AC(184), [Piperine](#) : CK(114) : AC(60), [Red Pepper](#) : CK(4) : AC(2)

Diseases : [Malabsorption Syndrome](#) : CK(54) : AC(15), [Microvilli atrophy](#) : CK(4) : AC(1)

Additional Keywords : [Nutrient Absorption](#) : CK(4) : AC(2)

Topic: [Chinese Skullcap](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum : CK\(6\) : AC\(3\)](#), [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Japanese Herbal Formula: Sho-saiko-to : CK\(2\) : AC\(1\)](#), [Jujube : CK\(12\) : AC\(2\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Peony : CK\(50\) : AC\(14\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Trigeminal Neuralgia : CK\(140\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

[**Alzheimer's disease drug discovery from herbs: neuroprotectivity from beta-amyloid \(1-42\) insult.**](#)

Pubmed Data : J Altern Complement Med. 2007 Apr ;13(3):333-40. PMID: [17480132](#)

Article Published Date : Mar 31, 2007

Authors : Darrick S H L Kim, Jin-Yung Kim, Ye Sun Han

Study Type : In Vitro Study

Additional Links

Substances : [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Ginkgo biloba : CK\(798\) : AC\(162\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Clove](#)

[**Ginger, Garlic, Clove, and Anise \(in order of efficacy\) reduce the adverse effects of arsenite in mouse bone marrow cells.**](#)

Pubmed Data : Afr J Med Med Sci. 2003 Mar;32(1):75-80. PMID: [15030071](#)

Article Published Date : Mar 01, 2003

Authors : O A Odunola

Study Type : In Vitro Study

Additional Links

Substances : [Anise : CK\(29\) : AC\(8\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Arsenic Poisoning : CK\(160\) : AC\(49\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[**Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.**](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[**These spices could be as potential antimicrobial agents for inclusion in the anti-enterococcal treatment regimen.**](#)

Pubmed Data : Arch Med Sci. 2015 Aug 12 ;11(4):863-8. Epub 2015 Aug 11. PMID: [26322099](#)

Article Published Date : Aug 11, 2015

Authors : Sharma Revati, Chapagain Bipin, Pai Bhat Chitra, Bhattacharjee Minakshi

Study Type : In Vitro Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Enterococcus Infections : CK\(16\) : AC\(12\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Antibiotic Resistance : CK\(56\) : AC\(7\)](#)

Topic: [Licorice](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum : CK\(6\) : AC\(3\)](#), [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Japanese Herbal Formula: Sho-saiko-to : CK\(2\) : AC\(1\)](#), [Jujube : CK\(12\) : AC\(2\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Peony : CK\(50\) : AC\(14\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Trigeminal Neuralgia : CK\(140\) : AC\(18\)](#)

Pharmacological Actions : [Analgesics : CK\(1327\) : AC\(217\)](#)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Red Pepper : CK\(4\) : AC\(2\)](#)

Diseases : [Inflammation : CK\(3240\) : AC\(882\)](#), [Neurodegenerative Diseases : CK\(3376\) : AC\(850\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Pinellia](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum : CK\(6\) : AC\(3\)](#), [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Japanese Herbal Formula: Sho-saiko-to : CK\(2\) : AC\(1\)](#), [Jujube : CK\(12\) : AC\(2\)](#), [Licorice : CK\(345\) : AC\(110\)](#), [Peony : CK\(50\) : AC\(14\)](#), [Pinellia : CK\(2\) : AC\(1\)](#)

Diseases : [Trigeminal Neuralgia](#) : CK(140) : AC(18)
Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

[These results indicated that the effective components of Pinelliae extract for Purging Stomach-Fire in gastric cancer treatment were pinelliae and dried ginger.](#)

Pubmed Data : Am J Transl Res. 2016 ;8(7):2937-46. Epub 2016 Jul 15. PMID: [27508014](#)

Article Published Date : Dec 31, 2015

Authors : Xi-Ping Liu, Hai-Xia Ming, Pei-Qing Li

Study Type : In Vitro Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Pinellia](#) : CK(2) : AC(1)

Diseases : [Gastric Cancer](#) : CK(622) : AC(198)

Pharmacological Actions : [Antiproliferative](#) : CK(2546) : AC(1685), [Apoptotic](#) : CK(2958) : AC(2075)

Topic: [Red Pepper](#)

[Dietary spices have a beneficial effect on intestinal villi by increasing the absorptive surface of the small intestine, providing for an increased bioavailability of micronutrients.](#)

Pubmed Data : Br J Nutr. 2010 Feb 24:1-9. Epub 2010 Feb 24. PMID: [20178671](#)

Article Published Date : Feb 24, 2010

Authors : Usha N S Prakash, Krishnapura Srinivasan

Study Type : Animal Study

Additional Links

Substances : [Black Pepper](#) : CK(229) : AC(96), [Capsaicin](#) : CK(129) : AC(55), [Ginger](#) : CK(696) : AC(184), [Piperine](#) : CK(114) : AC(60), [Red Pepper](#) : CK(4) : AC(2)

Diseases : [Malabsorption Syndrome](#) : CK(54) : AC(15), [Microvilli atrophy](#) : CK(4) : AC(1)

Additional Keywords : [Nutrient Absorption](#) : CK(4) : AC(2)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper](#) : CK(229) : AC(96), [Cinnamon](#) : CK(245) : AC(89), [Clove](#) : CK(104) : AC(55), [Coriander](#) : CK(1) : AC(1), [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Licorice](#) : CK(345) : AC(110), [Red Pepper](#) : CK(4) : AC(2)

Diseases : [Inflammation](#) : CK(3240) : AC(882), [Neurodegenerative Diseases](#) : CK(3376) : AC(850)

Pharmacological Actions : [Neuroprotective Agents](#) : CK(2360) : AC(1099)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: [Arabic gum](#)

[Ginger and arabic gum may have therapeutic value in acute and chronic kidney failure.](#)

Pubmed Data : Ren Fail. 2012 ;34(1):73-82. Epub 2011 Oct 21. PMID: [22017619](#)

Article Published Date : Jan 01, 2012

Authors : Mona Fouad Mahmoud, Abdalla Ahmed Diaai, Fahmy Ahmed

Study Type : Animal Study

Additional Links

Substances : [Arabic gum](#) : CK(14) : AC(3), [Ginger](#) : CK(696) : AC(184)

Diseases : [Kidney Failure](#) : CK(321) : AC(45), [Kidney Failure: Acute](#) : CK(61) : AC(13), [Kidney Failure: Chronic](#) : CK(148) : AC(21)

Pharmacological Actions : [Renoprotective](#) : CK(572) : AC(254)

Topic: [Bupleurum](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum](#) : CK(6) : AC(3), [Chinese Skullcap](#) : CK(127) : AC(66), [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184), [Japanese Herbal Formula: Sho-saiko-to](#) : CK(2) : AC(1), [Jujube](#) : CK(12) : AC(2), [Licorice](#) : CK(345) : AC(110), [Peony](#) : CK(50) : AC(14), [Pinellia](#) : CK(2) : AC(1)

Diseases : [Trigeminal Neuralgia](#) : CK(140) : AC(18)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Topic: [Coriandor](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf](#) : CK(56) : AC(28), [Black Pepper](#) : CK(229) : AC(96), [Coriandor](#) : CK(1) : AC(1), [Cumin](#) : CK(55) : AC(32), [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Mustard Oil](#) : CK(1) : AC(1), [Onions](#) : CK(2) : AC(2), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Bacillus Cereus infection](#) : CK(12) : AC(12), [Escherichia coli Infections](#) : CK(154) : AC(92), [Listeria Infections](#) : CK(30) : AC(24), [Micrococcus luteus infections](#) : CK(1) : AC(1), [Salmonella Infections](#) : CK(50) : AC(30), [Staphylococcus aureus infection](#) : CK(152) : AC(108)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1367) : AC(475), [Antimicrobial](#) : CK(293) : AC(128), [Antioxidants](#) : CK(7529) : AC(2682)

Additional Keywords : [Essential Oils](#) : CK(181) : AC(69), [Natural Substance Synergy](#) : CK(540) : AC(249)

[Nutraceuticals derived from such spices as turmeric, red pepper, black pepper, licorice, clove, ginger, garlic, coriander, and cinnamon target inflammatory pathways, thereby preventing neurodegenerative diseases.](#)

Pubmed Data : Mol Neurobiol. 2011 Oct ;44(2):142-59. Epub 2011 Mar 1. PMID: [21360003](#)

Article Published Date : Oct 01, 2011

Authors : Ramaswamy Kannappan, Subash Chandra Gupta, Ji Hye Kim, Simone Reuter, Bharat Bhushan Aggarwal

Study Type : Review

Additional Links

Substances : [Black Pepper](#) : CK(229) : AC(96), [Cinnamon](#) : CK(245) : AC(89), [Clove](#) : CK(104) : AC(55), [Coriandor](#) : CK(1) : AC(1), [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Licorice](#) : CK(345) : AC(110), [Red Pepper](#) : CK(4) : AC(2)

Diseases : [Inflammation](#) : CK(3240) : AC(882), [Neurodegenerative Diseases](#) : CK(3376) : AC(850)

Pharmacological Actions : [Neuroprotective Agents](#) : CK(2360) : AC(1099)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: Cumin

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

[These spices could be as potential antimicrobial agents for inclusion in the anti-enterococcal treatment regimen.](#)

Pubmed Data : Arch Med Sci. 2015 Aug 12 ;11(4):863-8. Epub 2015 Aug 11. PMID: [26322099](#)

Article Published Date : Aug 11, 2015

Authors : Sharma Revati, Chapagain Bipin, Pai Bhat Chitra, Bhattacharjee Minakshi

Study Type : In Vitro Study

Additional Links

Substances : [Cinnamon : CK\(245\) : AC\(89\)](#), [Clove : CK\(104\) : AC\(55\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Enterococcus Infections : CK\(16\) : AC\(12\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Antibiotic Resistance : CK\(56\) : AC\(7\)](#)

Topic: Curcuminoids

[Dietary intake of C. longa and Z. officinale potentiates the non-specific host defences against opportunistic infections.](#)

Pubmed Data : Cell Immunol. 2012 Nov ;280(1):92-100. Epub 2012 Dec 10. PMID: [23295981](#)

Article Published Date : Oct 31, 2012

Authors : Biswajit Chakraborty, Mahuya Sengupta

Study Type : Animal Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Curcuminoids : CK\(4224\) : AC\(2161\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Pharmacological Actions : [Immunostimulatory : CK\(265\) : AC\(60\)](#), [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Additional Keywords : [Phytotherapy : CK\(1216\) : AC\(221\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Ginseng

[Kampo preparation Daikenchuto could be useful for cancer therapy.](#)

Pubmed Data : J Nat Med. 2016 Apr 8. Epub 2016 Apr 8. PMID: [27059786](#)

Article Published Date : Apr 07, 2016

Authors : Takuya Nagata, Kazufumi Toume, Lv Xiao Long, Katsuhisa Hirano, Toru Watanabe, Shinichi Sekine, Tomoyuki Okumura, Katsuko Komatsu, Kazuhiro Tsukada

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Ginseng : CK\(473\) : AC\(133\)](#)

Diseases : [Breast Cancer : CK\(3592\) : AC\(1064\)](#), [Colon Cancer : CK\(749\) : AC\(430\)](#), [Esophageal Cancer : CK\(506\) : AC\(85\)](#), [Gastric Cancer : CK\(622\) : AC\(198\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Topic: [Green Tea](#)

[Green tea and ginger extracts have a significant hypoglycemic effect in diabetic rabbits.](#)

Pubmed Data : Acta Pol Pharm. 2015 May-Jun;72(3):497-506. PMID: [26642658](#)

Article Published Date : Apr 30, 2015

Authors : Ahmed Elkirdasy, Saad Shousha, Abdulmohsen H Alrohaimi, M Faiz Arshad

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Green Tea : CK\(1976\) : AC\(562\)](#)

Diseases : [Diabetes Mellitus: Type 2 : CK\(3572\) : AC\(624\)](#), [Hyperlipidemia : CK\(670\) : AC\(155\)](#)

Pharmacological Actions : [Hypoglycemic Agents : CK\(1446\) : AC\(342\)](#), [Hypolipidemic : CK\(1288\) : AC\(265\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Honey](#)

[The combination of Gelam honey and ginger may serve as a potential therapy in the treatment of colorectal cancer.](#)

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(15):6549-56. PMID: [26434873](#)

Article Published Date : Dec 31, 2014

Authors : Lee Heng Wee, Noor Azian Morad, Goon Jo Aan, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Wnt/ \$\beta\$ -catenin signaling pathway modulation : CK\(36\) : AC\(24\)](#)

Additional Keywords : [Dose Response : CK\(1056\) : AC\(408\)](#), [Gene Expression Regulation : CK\(431\) : AC\(214\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[The combination of ginger and gelam honey may be an effective chemopreventive and therapeutic strategy for inducing the death of colon cancer cells.](#)

Pubmed Data : Nutr J. 2015 ;14(1):31. Epub 2015 Apr 1. PMID: [25889965](#)

Article Published Date : Dec 31, 2014

Authors : Analhuda Abdullah Tahir, Nur Fathiah Abdul Sani, Noor Azian Murad, Suzana Makpol, Wan Zurinah Wan Ngah, Yasmin Anum Mohd Yusof

Study Type : In Vitro Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Honey : CK\(504\) : AC\(103\)](#)

Diseases : [Colon Cancer : CK\(749\) : AC\(430\)](#), [Colorectal Cancer : CK\(1646\) : AC\(619\)](#), [Inflammation : CK\(3240\) : AC\(882\)](#)

Pharmacological Actions : [Anti-Inflammatory Agents : CK\(4861\) : AC\(1630\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#),

Chemopreventive : CK(2835) : AC(787)

Additional Keywords : [Gene Expression Regulation](#) : CK(431) : AC(214), [Natural Substance Synergy](#) : CK(540) : AC(249)

Topic: [Japanese Herbal Formula: Sho-saiko-to](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

Study Type : Animal Study

Additional Links

Substances : [Bupleurum](#) : CK(6) : AC(3), [Chinese Skullcap](#) : CK(127) : AC(66), [Cinnamon](#) : CK(245) : AC(89), [Ginger](#) : CK(696) : AC(184), [Japanese Herbal Formula: Sho-saiko-to](#) : CK(2) : AC(1), [Jujube](#) : CK(12) : AC(2), [Licorice](#) : CK(345) : AC(110), [Peony](#) : CK(50) : AC(14), [Pinellia](#) : CK(2) : AC(1)

Diseases : [Trigeminal Neuralgia](#) : CK(140) : AC(18)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Topic: [Jujube](#)

[The traditional Japanese herbal formula Saiko-Keishi-To controls pain in trigeminal neuralgia in rats.](#)

Pubmed Data : Masui. 2001 May;50(5):486-90. PMID: [11424461](#)

Article Published Date : May 01, 2001

Authors : M Sunagawa, M Okada, S Y Guo, T Hisamitsu

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Diseases : [Trigeminal Neuralgia](#) : CK(140) : AC(18)

Pharmacological Actions : [Analgesics](#) : CK(1327) : AC(217)

Topic: [Nutmeg](#)

[A spice mixture containing garlic, ginger and nutmeg possesses both therapeutic and prophylactic effect against Cd-induced organ damage.](#)

Pubmed Data : Adv Pharm Bull. 2016 Jun ;6(2):271-4. Epub 2016 Jun 30. PMID: [27478792](#)

Article Published Date : May 31, 2016

Authors : Emmanuel Ike Ugwuja, Omotayo O Erejuwa, Nicholas C Ugwu

Study Type : Animal Study

Additional Links

Substances : [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184), [Nutmeg](#) : CK(28) : AC(18)

Diseases : [Cadmium Poisoning](#) : CK(131) : AC(62)

Pharmacological Actions : [Renoprotective](#) : CK(572) : AC(254)

Topic: [Onion](#)

[Aqueous extracts of onion, garlic and ginger inhibit platelet aggregation and may be useful as](#)

[natural antithrombotic agents.](#)

Pubmed Data : Biomed Biochim Acta. 1984;43(8-9):S335-46. PMID: [6440548](#)

Article Published Date : Jan 01, 1984

Authors : K C Srivastava

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#)

Diseases : [Thrombosis : CK\(316\) : AC\(81\)](#)

Pharmacological Actions : [Anti-Platelet : CK\(125\) : AC\(38\)](#), [Anti-thrombotic : CK\(56\) : AC\(24\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

[Ginger and garlic treatment significantly lowered the number of the blastocystis hominis parasites.](#)

Pubmed Data : J Egypt Soc Parasitol. 2015 Apr ;45(1):93-100. PMID: [26012223](#)

Article Published Date : Mar 31, 2015

Authors : Ekhlās H Abdel-Hafeez, Azza K Ahmad, Noha H Andelgelil, Manal Z M Abdellatif, Amany M Kamal, Rabie M Mohamed

Study Type : In Vitro Study

Additional Links

Substances : [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Onion : CK\(235\) : AC\(57\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Parasitic Intestinal Diseases : CK\(17\) : AC\(7\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Topic: Thyme

[Both in vivo and in vitro results confirm the efficacy of black pepper, ginger and thyme extracts as natural antimicrobials and suggests the possibility of using them in treatment procedures.](#)

Pubmed Data : Int J Immunopathol Pharmacol. 2014 Oct-Dec;27(4):531-41. PMID: [25572733](#)

Article Published Date : Sep 30, 2014

Authors : M A Nassan, E H Mohamed

Study Type : Animal Study, In Vitro Study

Additional Links

Substances : [Black Pepper : CK\(229\) : AC\(96\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Thyme : CK\(81\) : AC\(40\)](#)

Diseases : [Pyelonephritis : CK\(17\) : AC\(4\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Turmeric: Volatile Oils

[Turmeric and ginger essential oils could reduce the gastric ulcers in rat stomachs.](#)

Pubmed Data : J Basic Clin Physiol Pharmacol. 2015 Jan ;26(1):95-103. PMID: [24756059](#)

Article Published Date : Dec 31, 2014

Authors : Vijayasteltar B Liju, Kottarapat Jeena, Ramadasan Kuttan

Study Type : Animal Study

Additional Links

Substances : [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric: Volatile Oils : CK\(1\) : AC\(1\)](#)

Diseases : [Gastric Ulcer : CK\(289\) : AC\(117\)](#)

Pharmacological Actions : [Gastroprotective : CK\(155\) : AC\(73\)](#)

Additional Keywords : [Plant Oils : CK\(55\) : AC\(24\)](#)

Topic: Vitamin E

Zingiber officinale (Ginger) alone and in combination with vitamin E partially ameliorated cisplatin-induced nephrotoxicity.

Pubmed Data : Food Chem Toxicol. 2007 Jun;45(6):921-7. Epub 2006 Nov 29. PMID: [17210214](#)

Article Published Date : Jun 01, 2007

Authors : T A Ajith, V Nivitha, S Usha

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Vitamin E](#) : CK(1656) : AC(290)

Diseases : [Chemotherapy-Induced Toxicity: Cisplatin](#) : CK(319) : AC(133)

Additional Keywords : [Antineoplastic Agents](#) : CK(69) : AC(28), [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: Zinc

Ginger and zinc mixture protected against malathion induced toxicity to the liver and kidney.

Pubmed Data : Int J Immunopathol Pharmacol. 2015 Mar ;28(1):122-8. PMID: [25816415](#)

Article Published Date : Feb 28, 2015

Authors : Ahmed A Baiomy, Hossam F Attia, Mohamed M Soliman, Omar Makrum

Study Type : Animal Study

Additional Links

Substances : [Ginger](#) : CK(696) : AC(184), [Zinc](#) : CK(941) : AC(139)

Diseases : [Chemical Exposure](#) : CK(67) : AC(21), [Chemically-Induced Liver Damage](#) : CK(634) : AC(255), [Kidney Damage: Chemically-Induced](#) : CK(25) : AC(13)

Pharmacological Actions : [Hepatoprotective](#) : CK(1387) : AC(594), [Renoprotective](#) : CK(572) : AC(254)

Additional Keywords : [Malathion Toxicity](#) : CK(2) : AC(1), [Zinc Chloride](#) : CK(2) : AC(1)

Topic: Anise

Ginger, Garlic, Clove, and Anise (in order of efficacy) reduce the adverse effects of arsenite in mouse bone marrow cells.

Pubmed Data : Afr J Med Med Sci. 2003 Mar;32(1):75-80. PMID: [15030071](#)

Article Published Date : Mar 01, 2003

Authors : O A Odunola

Study Type : In Vitro Study

Additional Links

Substances : [Anise](#) : CK(29) : AC(8), [Clove](#) : CK(104) : AC(55), [Garlic](#) : CK(722) : AC(226), [Ginger](#) : CK(696) : AC(184)

Diseases : [Arsenic Poisoning](#) : CK(160) : AC(49)

Additional Keywords : [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: Apple Polyphenols

Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols](#) : CK(31) : AC(17), [EGCG \(Epigallocatechin gallate\)](#) : CK(1956) : AC(314), [Ginger](#) : CK(696) : AC(184)

Diseases : [Advanced Glycation End products \(AGE\)](#) : CK(231) : AC(73), [Diabetic Complications](#) : CK(1563) : AC(333)

Pharmacological Actions : [Anti-Glycation Agents](#) : CK(46) : AC(19), [Antioxidants](#) : CK(7529) : AC(2682), [Nrf2 activation](#) : CK(177) : AC(86)

Topic: [Ashwagandha](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha](#) : CK(154) : AC(74), [Ginger](#) : CK(696) : AC(184), [Gotu Kola](#) : CK(50) : AC(20), [Indian Gooseberry](#) : CK(1) : AC(1), [Mint](#) : CK(380) : AC(60), [Terminalia](#) : CK(25) : AC(16), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation](#) : CK(19) : AC(18)

Pharmacological Actions : [Antimicrobial](#) : CK(293) : AC(128), [Food Preservatives](#) : CK(1) : AC(1)

Additional Keywords : [Fruit Juice](#) : CK(85) : AC(11), [Plant Extracts](#) : CK(7645) : AC(2539)

Topic: [Asparagus](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus](#) : CK(15) : AC(12), [Beans: All](#) : CK(91) : AC(21), [Black Currant](#) : CK(146) : AC(25), [Cruciferous Vegetables](#) : CK(1131) : AC(358), [Ginger](#) : CK(696) : AC(184), [Grape](#) : CK(1720) : AC(430), [Plum](#) : CK(33) : AC(9), [Pomegranate](#) : CK(499) : AC(168), [Rice Bran](#) : CK(127) : AC(37), [Tomato](#) : CK(557) : AC(109), [Turmeric](#) : CK(5032) : AC(2348)

Diseases : [Liver Cancer](#) : CK(1235) : AC(462)

Pharmacological Actions : [Anti-metastatic](#) : CK(634) : AC(414), [Chemopreventive](#) : CK(2835) : AC(787),

[Immunomodulatory](#) : CK(1287) : AC(358)

Additional Keywords : [Natural Substance/Drug Synergy](#) : CK(352) : AC(142)

Topic: [Bay leaf](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf](#) : CK(56) : AC(28), [Black Pepper](#) : CK(229) : AC(96), [Coriander](#) : CK(1) : AC(1), [Cumin](#) : CK(55) :

[AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Beans: All](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Black Currant](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Capparis spinosa \(caper\)](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)
Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)
Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Topic: [Cilantro](#)

[This paper focuses on discussing the importance of selected spices in the prevention and treatment of cardiovascular diseases.](#)

Pubmed Data : Postepy Hig Med Dosw (Online). 2016 Nov 14 ;70(0):1131-1141. Epub 2016 Nov 14. PMID: [27892897](#)

Article Published Date : Nov 13, 2016

Authors : Bartosz Kulczyński, Anna Gramza-Michałowska

Study Type : Review

Additional Links

Substances : [Cilantro : CK\(4\) : AC\(3\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Cardiovascular Diseases : CK\(7342\) : AC\(916\)](#)

Additional Keywords : [Risk Reduction : CK\(6417\) : AC\(686\)](#)

Topic: [Cruciferous Vegetables](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Curcuma Longa](#)

[Curcuma rhizome, a main representant of Zingiberaceae family may be a promising natural source for active compounds against malignant melanoma.](#)

Pubmed Data : Biol Res. 2015 Jan 12 ;48(1):1. Epub 2015 Jan 12. PMID: [25654588](#)

Article Published Date : Jan 11, 2015

Authors : Corina Danciu, Lavinia Vlaia, Florinela Fetea, Monica Hancianu, Dorina E Coricovac, Sorina A Ciurlea, Codruța M Șoica, Iosif Marincu, Vicentiu Vlaia, Cristina A Dehelean, Cristina Trandafirescu

Study Type : In Vitro Study

Additional Links

Substances : [Curcuma Longa : CK\(5\) : AC\(4\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Polyphenols : CK\(931\) : AC\(335\)](#)

Diseases : [Malignant Melanoma : CK\(34\) : AC\(16\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [EGCG \(Epigallocatechin gallate\)](#)

[Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells.](#)

Pubmed Data : Phytomedicine. 2016 Feb 15 ;23(2):200-13. Epub 2016 Jan 5. PMID: [26926182](#)

Article Published Date : Feb 14, 2016

Authors : Chethan Sampath, Yingdong Zhu, Shengmin Sang, Mohamed Ahmedna

Study Type : In Vitro Study

Additional Links

Substances : [Apple Polyphenols : CK\(31\) : AC\(17\)](#), [EGCG \(Epigallocatechin gallate\) : CK\(1956\) : AC\(314\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Advanced Glycation End products \(AGE\) : CK\(231\) : AC\(73\)](#), [Diabetic Complications : CK\(1563\) : AC\(333\)](#)

Pharmacological Actions : [Anti-Glycation Agents : CK\(46\) : AC\(19\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#), [Nrf2 activation : CK\(177\) : AC\(86\)](#)

Topic: [Garcinia kola](#)

[Ginger and bitter kola exhibit antibacterial effects on respiratory tract pathogens.](#)

Pubmed Data : East Afr Med J. 2002 Nov;79(11):588-92. PMID: [12630492](#)

Article Published Date : Nov 01, 2002

Authors : J F T K Akoachere, R N Ndip, E B Chenwi, L M Ndip, T E Njock, D N Anong

Study Type : In Vitro Study

Additional Links

Substances : [Garcinia kola : CK\(13\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#)

Diseases : [Haemophilus influenzae : CK\(44\) : AC\(8\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#), [Streptococcus pyogenes : CK\(29\) : AC\(18\)](#), [Upper Respiratory Infections : CK\(950\) : AC\(114\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Ginkgo biloba](#)

[Alzheimer's disease drug discovery from herbs: neuroprotectivity from beta-amyloid \(1-42\) insult.](#)

Pubmed Data : J Altern Complement Med. 2007 Apr ;13(3):333-40. PMID: [17480132](#)

Article Published Date : Mar 31, 2007

Authors : Darrick S H L Kim, Jin-Yung Kim, Ye Sun Han

Study Type : In Vitro Study

Additional Links

Substances : [Chinese Skullcap : CK\(127\) : AC\(66\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Ginkgo biloba : CK\(798\) : AC\(162\)](#)

Pharmacological Actions : [Apoptotic : CK\(2958\) : AC\(2075\)](#), [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Gotu Kola](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Grape](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#),

[Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Indian Gooseberry](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Juniper](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)
Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)
Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Topic: [Long Pepper](#)

[Long-term consumption of aromatic compounds from spices could be effective in the prevention of Alzheimer's disease.](#)

Pubmed Data : Nat Prod Commun. 2016 Apr ;11(4):507-10. PMID: [27396206](#)

Article Published Date : Mar 31, 2016

Authors : Shinichi Matsumura, Kazuya Murata, Yuri Yoshioka, Hideaki Matsuda

Study Type : In Vitro Study

Additional Links

Substances : [Cardamom : CK\(39\) : AC\(9\)](#), [Cinnamon : CK\(245\) : AC\(89\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Long Pepper : CK\(15\) : AC\(9\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Alzheimer's Disease : CK\(1292\) : AC\(382\)](#)

Pharmacological Actions : [Neuroprotective Agents : CK\(2360\) : AC\(1099\)](#), [β-secretase Inhibitor : CK\(1\) : AC\(1\)](#)

Topic: [Mint](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Mustard Oil](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants :](#)

[CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Myrrh](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Topic: [Onions](#)

[Coriander and cumin seed oil combination might be used as a potential source of safe and effective natural antimicrobial and antioxidant agent.](#)

Pubmed Data : PLoS One. 2015;10(7):e0131321. Epub 2015 Jul 1. PMID: [26132146](#)

Article Published Date : Dec 31, 2014

Authors : Anwesa Bag, Rabi Ranjan Chattopadhyay

Study Type : In Vitro Study

Additional Links

Substances : [Bay leaf : CK\(56\) : AC\(28\)](#), [Black Pepper : CK\(229\) : AC\(96\)](#), [Coriander : CK\(1\) : AC\(1\)](#), [Cumin : CK\(55\) : AC\(32\)](#), [Garlic : CK\(722\) : AC\(226\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Mustard Oil : CK\(1\) : AC\(1\)](#), [Onions : CK\(2\) : AC\(2\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Bacillus Cereus infection : CK\(12\) : AC\(12\)](#), [Escherichia coli Infections : CK\(154\) : AC\(92\)](#), [Listeria Infections : CK\(30\) : AC\(24\)](#), [Micrococcus luteus infections : CK\(1\) : AC\(1\)](#), [Salmonella Infections : CK\(50\) : AC\(30\)](#), [Staphylococcus aureus infection : CK\(152\) : AC\(108\)](#)

Pharmacological Actions : [Anti-Bacterial Agents : CK\(1367\) : AC\(475\)](#), [Antimicrobial : CK\(293\) : AC\(128\)](#), [Antioxidants : CK\(7529\) : AC\(2682\)](#)

Additional Keywords : [Essential Oils : CK\(181\) : AC\(69\)](#), [Natural Substance Synergy : CK\(540\) : AC\(249\)](#)

Topic: [Plum](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: Polyphenols

[Curcuma rhizome, a main representant of Zingiberaceae family may be a promising natural source for active compounds against malignant melanoma.](#)

Pubmed Data : Biol Res. 2015 Jan 12 ;48(1):1. Epub 2015 Jan 12. PMID: [25654588](#)

Article Published Date : Jan 11, 2015

Authors : Corina Danciu, Lavinia Vlaia, Florinela Fetea, Monica Hancianu, Dorina E Coricovac, Sorina A Ciurlea, Codruța M Șoica, Iosif Marincu, Vicentiu Vlaia, Cristina A Dehelean, Cristina Trandafirescu

Study Type : In Vitro Study

Additional Links

Substances : [Curcuma Longa : CK\(5\) : AC\(4\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Polyphenols : CK\(931\) : AC\(335\)](#)

Diseases : [Malignant Melanoma : CK\(34\) : AC\(16\)](#)

Pharmacological Actions : [Antiproliferative : CK\(2546\) : AC\(1685\)](#), [Apoptotic : CK\(2958\) : AC\(2075\)](#)

Additional Keywords : [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: Pomegranate

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: Resveratrol

[Curcumin, Resveratrol and Gingerol decrease prostate inflammation](#)

Pubmed Data : Carcinogenesis. 2007 Jun;28(6):1188-96. Epub 2006 Dec 6. PMID: [17151092](#)

Article Published Date : Jun 01, 2007

Authors : Larisa Nonn, David Duong, Donna M Peehl

Study Type : In Vitro Study

Additional Links

Substances : [Curcumin : CK\(4803\) : AC\(2175\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Resveratrol : CK\(1283\) : AC\(746\)](#)

Diseases : [Prostate Cancer : CK\(1499\) : AC\(438\)](#)

Pharmacological Actions : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1823\) : AC\(669\)](#)

Topic: Rice Bran

[This reviews the potential prevention and treatment activities of dietary natural products and](#)

[their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#),

[Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: [Sophora Flavescens](#)

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)

Topic: [Terminalia](#)

[This study confirmed the potential of selected extracts of spices as effective natural food preservative in juices.](#)

Pubmed Data : Int J Microbiol. 2016 ;2016:9015802. Epub 2016 Jan 4. PMID: [26880927](#)

Article Published Date : Dec 31, 2015

Authors : Romika Dhiman, Neeraj Aggarwal, Kamal Rai Aneja, Manpreet Kaur

Study Type : In Vitro Study

Additional Links

Substances : [Ashwagandha : CK\(154\) : AC\(74\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Gotu Kola : CK\(50\) : AC\(20\)](#), [Indian Gooseberry : CK\(1\) : AC\(1\)](#), [Mint : CK\(380\) : AC\(60\)](#), [Terminalia : CK\(25\) : AC\(16\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Foodborne Pathogens: Prevention/Food Preservation : CK\(19\) : AC\(18\)](#)

Pharmacological Actions : [Antimicrobial : CK\(293\) : AC\(128\)](#), [Food Preservatives : CK\(1\) : AC\(1\)](#)

Additional Keywords : [Fruit Juice : CK\(85\) : AC\(11\)](#), [Plant Extracts : CK\(7645\) : AC\(2539\)](#)

Topic: [Tomato](#)

[This reviews the potential prevention and treatment activities of dietary natural products and their major bioactive constituents on liver cancer.](#)

Pubmed Data : Nutrients. 2016 ;8(3). Epub 2016 Mar 10. PMID: [26978396](#)

Article Published Date : Dec 31, 2015

Authors : Yue Zhou, Ya Li, Tong Zhou, Jie Zheng, Sha Li, Hua-Bin Li

Study Type : Review

Additional Links

Substances : [Asparagus : CK\(15\) : AC\(12\)](#), [Beans: All : CK\(91\) : AC\(21\)](#), [Black Currant : CK\(146\) : AC\(25\)](#), [Cruciferous Vegetables : CK\(1131\) : AC\(358\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Grape : CK\(1720\) : AC\(430\)](#), [Plum : CK\(33\) : AC\(9\)](#), [Pomegranate : CK\(499\) : AC\(168\)](#), [Rice Bran : CK\(127\) : AC\(37\)](#), [Tomato : CK\(557\) : AC\(109\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Liver Cancer : CK\(1235\) : AC\(462\)](#)

Pharmacological Actions : [Anti-metastatic : CK\(634\) : AC\(414\)](#), [Chemopreventive : CK\(2835\) : AC\(787\)](#), [Immunomodulatory : CK\(1287\) : AC\(358\)](#)

Additional Keywords : [Natural Substance/Drug Synergy : CK\(352\) : AC\(142\)](#)

Topic: Tongkat Ali

[A review of medicinal plants that exhibit anti-Toxoplasma effects.](#)

Pubmed Data : Asian Pac J Trop Med. 2016 Aug ;9(8):730-4. Epub 2016 Jun 28. PMID: [27569880](#)

Article Published Date : Jul 31, 2016

Authors : Ibrahim Al Nasr, Faiyaz Ahmed, Fawaz Pullishery, Saeed El-Ashram, Vardharajula Venkata Ramaiah

Study Type : Review

Additional Links

Substances : [Capparis spinosa \(caper\) : CK\(4\) : AC\(3\)](#), [Ginger : CK\(696\) : AC\(184\)](#), [Juniper : CK\(16\) : AC\(13\)](#), [Myrrh : CK\(47\) : AC\(18\)](#), [Sophora Flavescens : CK\(39\) : AC\(14\)](#), [Tongkat Ali : CK\(7\) : AC\(5\)](#), [Turmeric : CK\(5032\) : AC\(2348\)](#)

Diseases : [Toxoplasma gondii Infection : CK\(258\) : AC\(44\)](#)

Pharmacological Actions : [Antiparasitic Agents : CK\(68\) : AC\(40\)](#)
