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Research Topic

Aloe Vera

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Overview of Terms

Associated with Your Search Topic

83 Relevant Results for
Diseases

Disease/Symptom	Cumulative Knowledge	Article Count
Diabetes Mellitus: Type 2	32	3
Lichen Planus	21	3
Oral Submucous Fibrosis	21	3
Dental Plaque	20	2
Hyperglycemia	20	1
Irritable Bowel Syndrome	20	2
Prediabetes	20	1
Wound Healing	20	6
Periodontal Diseases	16	3
Cancers: All	14	3
Radiation Induced Illness: Mucositis	13	3
Ulcerative Colitis	13	3
Diabetic Ulcer	12	2
Gastric Cancer	12	3
Cancer Metastasis	11	2
Inflammatory Bowel Diseases	11	2
Pancreatic Cancer	11	2
Aging Skin	10	1
Cesarean Section	10	1
Colorectal Cancer	10	1
Head and Neck Cancer	10	1
Leukoplakia	10	1
Oral Cancer: Prevention	10	1
Oral Lichen Planus	10	1

Psoriasis	10	1
Scabies	10	1
Skin Diseases: Photo-Aging	10	1
Stomatitis: Chemotherapy-Induced	10	1
Wrinkles	10	1
Oxidative Stress	6	4
Dental Caries	5	1
Pseudomonas aeruginosa	5	1
Burns	4	2
Lipid Peroxidation	4	2
Breast Cancer	3	3
Inflammation	3	2
Abdominal Adhesions	2	1
Atopic Dermatitis	2	1
Breast Cancer: Metastatic	2	1
Cachexia	2	1
Colorectal Cancer: Prevention	2	1
Corneal Ulcer	2	1
DNA damage	2	1
Fluoride Toxicity	2	1
Ischemia	2	1
Multiple Sclerosis	2	1
Obesity	2	1
Pesticide Toxicity	2	1
Petroleum Exposure And Toxicity	2	1
Prenatal Chemical Exposures	2	1
Radiation Induced Illness	2	1
Radiotherapy	2	1

Sciatica	2	1
Ultraviolet Radiation Induced Damage	2	1
Acute lymphoblastic leukemia (ALL)	1	1
Cancer: Breast	1	1
Cervical Cancer	1	1
Chemotherapy-Induced Toxicity: Cisplatin	1	1
Colon Cancer	1	1
Crohn's Disease	1	1
Dental Diseases	1	1
Encephalitis: Japanese	1	1
Endothelial Dysfunction	1	1
Enterococcus Infections	1	1
Enterovirus	1	1
Escherichia coli Infections	1	1
Gingivitis	1	1
Herpes Simplex Virus Type 1	1	1
Leishmaniasis	1	1
Leukemia	1	1
Leukemia: Acute myelogenous leukemia (AML)	1	1
Lung Cancer	1	1
Melanoma	1	1
Nasopharyngeal Cancer	1	1
Neuroblastoma	1	1
Osteosarcoma	1	1
Skin Cancer	1	1
Skin Cancer: Squamous Cell	1	1
Staphylococcus aureus infection	1	1
Stomatitis: Aphthous	1	1

Streptococcus pyogenes	1	1
Tongue Cancer	1	1
Tumors	1	1

42 Relevant Results for Pharmacological Actions

Pharmacological Action Name	Cumulative Knowledge	Article Count
Hypoglycemic Agents	50	3
Antioxidants	39	8
Anti-Inflammatory Agents	35	11
Anti-Bacterial Agents	19	6
Anticarcinogenic Agents	14	3
Analgesics	10	1
Antifungal Agents	10	1
Chemoprotective Agents	10	1
Gastrointestinal Agents	10	1
Matrix metalloproteinase-1 (MMP-1) inhibitor	10	1
Nrf2 activation	10	1
Antimicrobial	8	3
Apoptotic	8	7
Antiproliferative	6	5
Radioprotective	5	3
Hepatoprotective	4	2
Tumor Necrosis Factor (TNF) Alpha Inhibitor	4	3
Antineoplastic Agents	3	3
Chemopreventive	3	2
Immunomodulatory	3	2
Autophagy Up-regulation	2	2
Dermatologic Agents	2	1

Gluconeogenesis Inhibitor	2	1
Interleukin-6 Downregulation	2	1
Matrix metalloproteinase-2 (MMP-2) inhibitor	2	1
Matrix metalloproteinase-9 (MMP-9) inhibitor	2	1
Neuroprotective Agents	2	1
Photoprotective	2	1
Anti-Tumor	1	1
Anti-metastatic	1	1
Antiviral Agents	1	1
Cell cycle arrest	1	1
Chemotherapeutic	1	1
Cyclin D1 Down-Regulation	1	1
Enzyme Inhibitors	1	1
Interferon Inducers	1	1
Leishmanicidal	1	1
MicroRNA modulator	1	1
NF-kappaB Inhibitor	1	1
Photosensitizing Agents	1	1
Radiosensitizer	1	1
Tumor Suppressor Protein p53 Upregulation	1	1

40 Relevant Results for Substances

Substance Name	Cumulative Knowledge	Article Count
Green Tea	11	2
Mangosteen	10	1
Mimosa tenuiflora	10	1
Oxygen Therapies	10	1
Riboflavin (Vitamin B-2)	10	1

Spirulina	10	1
Vitamin B-5 (Pantothenic Acid)	10	1
Emodin	7	7
Honey	7	4
Curcumin	4	3
Turmeric	4	2
Frankincense	3	2
Aloe Ferox	2	1
Asafoetida	2	1
Cow Milk	2	1
Grape	2	1
Gymnema Sylvestre	2	1
Holy Basil	2	1
Lactobacillus plantarum	2	1
Myrrh	2	1
Nigella sativa (aka Black Seed)	2	1
Pectin	2	1
Probiotics	2	1
Sea buckthorn	2	1
Ubiquinol	2	1
Vitamin E	2	1
Allicin	1	1
Artemisinin	1	1
Capsaicin	1	1
Citrus naringin	1	1
Garlic	1	1
Genistein	1	1
Glycyrrhizin	1	1

Lemongrass	1	1
Panax Notoginseng	1	1
Papaya	1	1
Pine Bark Extract	1	1
Piperine	1	1
Quercetin	1	1
Wormwood	1	1

17 Relevant Results for Keywords

Keyword Name	Cumulative Knowledge	Article Count
Natural Substances Versus Drugs	42	5
Plant Extracts	42	10
Significant Treatment Outcome	22	3
Mouthwash	20	2
Chemical: Chlorhexidine	10	1
Drug-Plant-Vitamin Synergies	10	1
Glibenclamide Alternatives	10	1
Natural Substance Synergy	10	1
Multidrug Resistance	5	1
Anti-Obesity Agents	2	1
Chemical: Lindane	2	1
Selective Cytotoxicity	2	2
Aloe Barbadensis	1	1
Chemotherapeutic Synergy: Cisplatin	1	1
Drug Interaction	1	1
Drug: 5-flourouracil	1	1
Natural Substance/Drug Synergy	1	1

1 Relevant Results for Problem Substances

Problem Substance Name	Cumulative Knowledge	Article Count
Cisplatin	1	1

2 Relevant Results for Therapeutic Actions

Therapeutic Action Name	Cumulative Knowledge	Article Count
Integrative Medicine	12	3
Photodynamic therapy	2	2

**View the Evidence.
74 Research Articles in Total.**

Category : Diseases

Abdominal Adhesions (AC 1) (CK 2)

Aloe vera gel can effectively decrease adhesion formation if applied before, but not after, after peritoneal trauma.

Pubmed Data : Ecotoxicol Environ Saf. 2010 Sep;73(6):1333-7. Epub 2010 Jun 20. PMID: [20031297](#)

Article Published Date : Sep 01, 2010

Authors : Erhan Aysan, Hasan Bektas, Feyzullah Ersoz

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Abdominal Adhesions](#) : CK(50) : AC(10)

Acute lymphoblastic leukemia (ALL) (AC 1) (CK 1)

Supercritical extracts of aloe vera exhibit antitumor properties and modulate antioxidant enzymes.

Pubmed Data : Curr Med Chem. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19941474](#)

Article Published Date : Nov 24, 2009

Authors : H A El-Shemy, M A M Aboul-Soud, A A Nassr-Allah, K M Aboul-Enein, A Kabash, A Yagi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Acute lymphoblastic leukemia (ALL) : CK(130) : AC(39) , Colon Cancer : CK(746) : AC(428) ,
Leukemia: Acute myelogenous leukemia (AML) : CK(111) : AC(34), Tumors : CK(203) : AC(119)

Pharmacological Actions : Anti-Tumor : CK(136) : AC(72)

Additional Keywords : Selective Cytotoxicity : CK(158) : AC(112)

Aging Skin (AC 1) (CK 10)

Aloe gel significantly improves wrinkles and elasticity in photoaged human skin.

Pubmed Data : Ann Dermatol. 2009 Feb;21(1):6-11. Epub 2009 Feb 28. PMID: [20548848](#)

Article Published Date : Feb 01, 2009

Authors : Soyun Cho, Serah Lee, Min-Jung Lee, Dong Hun Lee, Chong-Hyun Won, Sang Min Kim, Jin Ho Chung

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Aging Skin : CK(426) : AC(101), Skin Diseases: Photo-Aging : CK(122) : AC(50), Wrinkles : CK(10) : AC(1)

Pharmacological Actions : Matrix metalloproteinase-1 (MMP-1) inhibitor : CK(32) : AC(16)

Atopic Dermatitis (AC 1) (CK 2)

A. ferox and A. vera gels applied topically are a safe and useful alternative to antihistamines and topical corticosteroids for the treatment of recurring chronic atopic dermatitis.

Pubmed Data : Inflammopharmacology. 2015 Oct 28. Epub 2015 Oct 28. PMID: [26510768](#)

Article Published Date : Oct 27, 2015

Authors : M J Finberg, G L Muntingh, C E J van Rensburg

Study Type : Animal Study

Additional Links

Substances : [Aloe Ferox](#) : CK(2) : AC(1) , [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Atopic Dermatitis](#) : CK(1134) : AC(117)

Pharmacological Actions : [Dermatologic Agents](#) : CK(240) : AC(28)

Breast Cancer (AC 3) (CK 3)

A compound from aloe inhibits the growth of breast cancer cell lines.

Pubmed Data : Cancer Biol Ther. 2006 Jan;5(1):97-103. Epub 2006 Jan 22. PMID: [16357514](#)

Article Published Date : Jan 01, 2006

Authors : Amr Y Esmat, Catherine Tomasetto, Marie-Christine Rio

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Breast Cancer](#) : CK(3505) : AC(1056) , [Cancer: Breast](#) : CK(3393) : AC(1003)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410) , Antiproliferative : CK(2471) : AC(1680) , Apoptotic : CK(2952) : AC(2071) , Photosensitizing Agents : CK(1) : AC(1)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiul Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Antiproliferative : CK(2471) : AC(1680) , Chemopreventive : CK(2829) : AC(783) , Chemotherapeutic : CK(397) : AC(152) , Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

Breast Cancer: Metastatic (AC 1) (CK 2)

Oral administration of Aloe vera and honey inhibits cancer in rats.

Pubmed Data : Phytother Res. 2010 Sep 13. Epub 2010 Sep 13. PMID: [20839215](#)

Article Published Date : Sep 13, 2010

Authors : Rebeka Tomasin, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Honey](#) : CK(504) : AC(103)

Diseases : [Breast Cancer: Metastatic](#) : CK(123) : AC(52) , [Cancers: All](#) : CK(14469) : AC(4575)

Pharmacological Actions : [Antiproliferative](#) : CK(2471) : AC(1680), [Apoptotic](#) : CK(2952) : AC(2071)

Burns (AC 2) (CK 4)

A honey, milk, and Aloe vera ointment has multiple healing effects on burn wounds in rats.

Pubmed Data : Int J Low Extrem Wounds. 2016 May 23. Epub 2016 May 23. PMID: [27217089](#)

Article Published Date : May 22, 2016

Authors : Parviz Farzadinia, Niloofar Jofreh, Saeed Khatamsaz, Ali Movahed, Samad Akbarzadeh, Mostafa Mohammadi, Afshar Bargahi

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Cow Milk](#) : CK(20) : AC(3) , [Honey](#) : CK(504) : AC(103)

Diseases : [Burns](#) : CK(79) : AC(30) , [Wound Healing](#) : CK(539) : AC(161)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4615) : AC(1613)

Aloe vera has a potent effect in promoting corneal wound healing through facilitating re-epithilaization and reduction in inflammation in diabetic rats.

Pubmed Data : Clin Ophthalmol. 2015 ;9:2019-26. Epub 2015 Oct 28. PMID: [26604672](#)

Article Published Date : Dec 31, 2014

Authors : Ayman Atiba, Tamer Wasfy, Walied Abdo, Ahmed Ghoneim, Tarek Kamal, Mustafa Shukry

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Burns](#) : CK(79) : AC(30) , [Corneal Ulcer](#) : CK(3) : AC(1) , [Wound Healing](#) : CK(539) : AC(161)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4615) : AC(1613)

Cachexia (AC 1) (CK 2)

Aloe vera and honey treatment affect the tumor and host by different mechanisms by modulated host wasting and cachexia, while promoting oxidative stress and damage in tumor tissues.

Pubmed Data : J Med Food. 2015 Apr 9. Epub 2015 Apr 9. PMID: [25856497](#)

Article Published Date : Apr 08, 2015

Authors : Rebeka Tomasin, Rafael Siqueira de Andrade, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Cachexia : CK(77) : AC(25) , Cancers: All : CK(14469) : AC(4575) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659) , Immunomodulatory : CK(1285) : AC(356)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Cancer Metastasis (AC 2) (CK 11)

Aloe significantly improves chemotherapy treatment outcomes in patients with metastatic gastric, pancreatic and colorectal cancers.

Pubmed Data : In Vivo. 2009 Jan-Feb;23(1):171-5. PMID: [19368145](#)

Article Published Date : Jan 01, 2009

Authors : Paolo Lissoni, Franco Rovelli, Fernando Brivio, Romano Zago, Massimo Colciago, Giuseppina Messina, Adelio Mora, Giorgio Porro

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Cancer Metastasis : CK(442) : AC(206) , Cancers: All : CK(14469) : AC(4575) , Colorectal Cancer : CK(1635) : AC(611) , Gastric Cancer : CK(620) : AC(197) , Pancreatic Cancer : CK(887) : AC(259)

Additional Keywords : Drug-Plant-Vitamin Synergies : CK(965) : AC(266)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410) , Antiproliferative : CK(2471) : AC(1680) , Apoptotic : CK(2952) : AC(2071) , Photosensitizing Agents : CK(1) : AC(1)

Cancer: Breast (AC 1) (CK 1)

A compound from aloe inhibits the growth of breast cancer cell lines.

Pubmed Data : Cancer Biol Ther. 2006 Jan;5(1):97-103. Epub 2006 Jan 22. PMID: [16357514](#)

Article Published Date : Jan 01, 2006

Authors : Amr Y Esmat, Catherine Tomasetto, Marie-Christine Rio

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer: Breast : CK(3393) : AC(1003)

Cancers: All (AC 3) (CK 14)

Aloe significantly improves chemotherapy treatment

outcomes in patients with metastatic gastric, pancreatic and colorectal cancers.

Pubmed Data : In Vivo. 2009 Jan-Feb;23(1):171-5. PMID: [19368145](#)

Article Published Date : Jan 01, 2009

Authors : Paolo Lissoni, Franco Rovelli, Fernando Brivio, Romano Zago, Massimo Colciago, Giuseppina Messina, Adelio Mora, Giorgio Porro

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Cancer Metastasis : CK(442) : AC(206), Cancers: All : CK(14469) : AC(4575), Colorectal Cancer : CK(1635) : AC(611), Gastric Cancer : CK(620) : AC(197), Pancreatic Cancer : CK(887) : AC(259)

Additional Keywords : Drug-Plant-Vitamin Synergies : CK(965) : AC(266)

Aloe vera and honey treatment affect the tumor and host by different mechanisms by modulated host wasting and cachexia, while promoting oxidative stress and damage in tumor tissues.

Pubmed Data : J Med Food. 2015 Apr 9. Epub 2015 Apr 9. PMID: [25856497](#)

Article Published Date : Apr 08, 2015

Authors : Rebeka Tomasin, Rafael Siqueira de Andrade, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Honey : CK(504) : AC(103)

Diseases : Cachexia : CK(77) : AC(25), Cancers: All : CK(14469) : AC(4575), Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517), Antioxidants : CK(7261) : AC(2659), Immunomodulatory : CK(1285) : AC(356)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Oral administration of Aloe vera and honey inhibits cancer in rats.

Pubmed Data : Phytother Res. 2010 Sep 13. Epub 2010 Sep 13. PMID: [20839215](#)

Article Published Date : Sep 13, 2010

Authors : Rebeka Tomasin, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Honey : CK(504) : AC(103)

Diseases : Breast Cancer: Metastatic : CK(123) : AC(52), Cancers: All : CK(14469) : AC(4575)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071)

Cervical Cancer (AC 1) (CK 1)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiul Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Antiproliferative : CK(2471) : AC(1680), Chemopreventive : CK(2829) : AC(783) , Chemotherapeutic : CK(397) : AC(152) , Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

Cesarean Section (AC 1) (CK 10)

Aloe vera gel had positive effects on cesarean wound healing when used as a dressing.

Pubmed Data : Glob J Health Sci. 2015 Jan ;7(1):203-9. Epub 2014 Aug 31. PMID: [25560349](#)

Article Published Date : Dec 31, 2014

Authors : Zahra Molazem, Fatemeh Mohseni, Masoumeh Younesi, Sareh Keshavarzi

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Cesarean Section : CK(492) : AC(39) , Wound Healing : CK(539) : AC(161)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Chemotherapy-Induced Toxicity: Cisplatin (AC 1) (CK 1)

Aloe emodin may decrease the anticancer activity of the chemo-agent cisplatin.

Pubmed Data : Cell Mol Life Sci. 2005 Jun ;62(11):1275-82. PMID: [15905960](#)

Article Published Date : Jun 01, 2005

Authors : S Mijatovic, D Maksimovic-Ivanic, J Radovic, D Miljkovic, G N Kaludjerovic, T J Sabo, V Trajkovic

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Emodin : CK(43) : AC(27)

Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(319) : AC(133)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071), Enzyme Inhibitors : CK(463) : AC(250)

Problem Substances : Cisplatin : CK(30) : AC(7)

Colon Cancer (AC 1) (CK 1)

Supercritical extracts of aloe vera exhibit antitumor properties and modulate antioxidant enzymes.

Pubmed Data : Curr Med Chem. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19941474](#)

Article Published Date : Nov 24, 2009

Authors : H A El-Shemy, M A M Aboul-Soud, A A Nassr-Allah, K M Aboul-Enein, A Kabash, A Yagi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Acute lymphoblastic leukemia (ALL) : CK(130) : AC(39) , Colon Cancer : CK(746) : AC(428) , Leukemia: Acute myelogenous leukemia (AML) : CK(111) : AC(34), Tumors : CK(203) : AC(119)

Pharmacological Actions : Anti-Tumor : CK(136) : AC(72)

Additional Keywords : Selective Cytotoxicity : CK(158) : AC(112)

Colorectal Cancer (AC 1) (CK 10)

Aloe significantly improves chemotherapy treatment outcomes in patients with metastatic gastric, pancreatic and colorectal cancers.

Pubmed Data : In Vivo. 2009 Jan-Feb;23(1):171-5. PMID: [19368145](#)

Article Published Date : Jan 01, 2009

Authors : Paolo Lissoni, Franco Rovelli, Fernando Brivio, Romano Zago, Massimo Colciago, Giuseppina Messina, Adelio Mora, Giorgio Porro

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Cancer Metastasis : CK(442) : AC(206), Cancers: All : CK(14469) : AC(4575), Colorectal Cancer : CK(1635) : AC(611), Gastric Cancer : CK(620) : AC(197), Pancreatic Cancer : CK(887) : AC(259)

Additional Keywords : Drug-Plant-Vitamin Synergies : CK(965) : AC(266)

Colorectal Cancer: Prevention (AC 1) (CK 2)

These results suggest that both aloe vera gel and powder may have chemopreventive effects on colorectal carcinogenesis under the high fat diets.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(2):683-7. PMID: [25684508](#)

Article Published Date : Dec 31, 2014

Authors : Takeshi Chihara, Kan Shimpo, Takaaki Kaneko, Hidehiko Beppu, Takashi Higashiguchi, Shigeru Sonoda, Miyuki Tanaka, Muneo Yamada, Fumiaki Abe

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Colorectal Cancer: Prevention : CK(207) : AC(36)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Chemopreventive : CK(2829) : AC(783)

Corneal Ulcer (AC 1) (CK 2)

Aloe vera has a potent effect in promoting corneal wound healing through facilitating re-epithilaization and reduction in inflammation in diabetic rats.

Pubmed Data : Clin Ophthalmol. 2015 ;9:2019-26. Epub 2015 Oct 28. PMID: [26604672](#)

Article Published Date : Dec 31, 2014

Authors : Ayman Atiba, Tamer Wasfy, Walied Abdo, Ahmed Ghoneim, Tarek Kamal, Mustafa Shukry

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Burns : CK(79) : AC(30) , Corneal Ulcer : CK(3) : AC(1) , Wound Healing : CK(539) : AC(161)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613)

Crohn's Disease (AC 1) (CK 1)

This reviews the favorable results from the use of herbal and plant products in inflammatory bowel disease.

Pubmed Data : Ann Gastroenterol. 2016 Jul-Sep;29(3):268-81. Epub 2016 Feb 20. PMID: [27366027](#)

Article Published Date : Jun 30, 2016

Authors : John K Triantafyllidis, Aikaterini Triantafyllidi, Constantinos Vagianos, Apostolos Papalois

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Artemisinin : CK(25) : AC(20) , Curcumin : CK(4134) : AC(2174) , Frankincense : CK(180) : AC(30) , Green Tea : CK(1957) : AC(558) , Lemongrass : CK(14) : AC(5) , Panax Notoginseng : CK(42) : AC(9) , Wormwood : CK(59) : AC(19)
Diseases : Crohn's Disease : CK(152) : AC(29) , Inflammatory Bowel Diseases : CK(990) : AC(187) , Ulcerative Colitis : CK(294) : AC(58)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antioxidants : CK(7261) : AC(2659)
Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

DNA damage (AC 1) (CK 2)

Aloe has a protective effect against petroleum product hepatotoxicity and genotoxicity in mice.

Pubmed Data : Food Chem Toxicol. 2009 Oct;47(10):2454-7. Epub 2009 Jul 5. PMID: [19583991](#)

Article Published Date : Oct 01, 2009

Authors : Michael A Gbadegesin, Oyeronke A Odunola, Kazeem A Akinwumi, Olabode O Osifeso

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : DNA damage : CK(990) : AC(380) , Petroleum Exposure And Toxicity : CK(51) : AC(19)

Pharmacological Actions : Hepatoprotective : CK(1372) : AC(588)

Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Dental Caries (AC 1) (CK 5)

Aloe vera gel at optimum concentration could be used as an antiseptic for prevention of dental caries and periodontal diseases.

Pubmed Data : J Oral Sci. 2012 ;54(1):15-21. PMID: [22466882](#)

Article Published Date : Jan 01, 2012

Authors : Mohammadmehdi Fani, Jamshid Kohanteb

Study Type : Human In Vitro

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Dental Caries](#) : CK(412) : AC(59) , [Periodontal Diseases](#) : CK(257) : AC(64)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1366) : AC(474)

Dental Diseases (AC 1) (CK 1)

Acemanna, a polysaccharide found within Aloe vera, stimulates dental pulp cell proliferation, differentiation, mineralization and dentin formation.

Pubmed Data : Tissue Eng Part A. 2010 Jan 20. Epub 2010 Jan 20. PMID: [20088703](#)

Article Published Date : Jan 20, 2010

Authors : Nawaporn Jittapiromsak, Dusida Sahawat, Wijit Banlunara, Polkit Sangvanich, Pasutha Thunyakitpaisal

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Dental Diseases](#) : CK(1) : AC(1)

Dental Plaque (AC 2) (CK 20)

Aloe vera may prove an effective mouthwash due to its ability in reducing dental plaque.

Pubmed Data : Ethiop J Health Sci. 2014 Apr ;24(2):139-44. PMID: [24795515](#)

Article Published Date : Mar 31, 2014

Authors : Rajendra Kumar Gupta, Devanand Gupta, Dara John Bhaskar, Ankit Yadav, Khursheed Obaid, Sumit Mishra

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : Dental Plaque : CK(202) : AC(22)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Anti-Inflammatory Agents : CK(4615) : AC(1613), Antifungal Agents : CK(234) : AC(146) , Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Chemical: Chlorhexidine : CK(10) : AC(1) , Mouthwash : CK(102) : AC(12) , Natural Substances Versus Drugs : CK(1694) : AC(300)

Aloe vera mouthwash has comparable antiplaque efficacy as the gold standard 0.2% chlorhexidine gluconate with fewer side effects.

Pubmed Data : J Int Soc Prev Community Dent. 2016 May-Jun;6(3):251-5. Epub 2016 May 30. PMID: [27382543](#)

Article Published Date : Apr 30, 2016

Authors : Shivjot Chhina, Avnish Singh, Ipseeta Menon, Rickypal Singh, Anubhav Sharma, Vartika Aggarwal

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Dental Plaque : CK(202) : AC(22)

Additional Keywords : Mouthwash : CK(102) : AC(12) , Natural Substances Versus Drugs : CK(1694) : AC(300)

Diabetes Mellitus: Type 2 (AC 3) (CK 32)

A plant mixture comprising Nigella sativa, Myrrh, Gum Olibanum (Frankincense), Gum Asafoetida and Aloe lowers blood sugar by inhibiting hepatic gluconeogenesis.

Pubmed Data : Diabetes Res. 1991 Dec;18(4):163-8. PMID: [1842751](#)

Article Published Date : Dec 01, 1991

Authors : F al-Awadi, H Fatania, U Shamte

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Asafoetida : CK(8) : AC(5) , Frankincense : CK(180) : AC(30) , Myrrh : CK(47) : AC(18) , Nigella sativa (aka Black Seed) : CK(357) : AC(99)

Diseases : Diabetes Mellitus: Type 2 : CK(3384) : AC(595)

Pharmacological Actions : Gluconeogenesis Inhibitor : CK(19) : AC(14)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Aloe sap has significant antidiabetic activity in both humans and animals.

Pubmed Data : Horm Res. 1986;24(4):288-94. PMID: [3096865](#)

Article Published Date : Jan 01, 1986

Authors : N Ghannam, M Kingston, I A Al-Meshaal, M Tariq, N S Parman, N Woodhouse

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Diabetes Mellitus: Type 2 : CK(3384) : AC(595)

Pharmacological Actions : Hypoglycemic Agents : CK(1392) : AC(340)

Additional Keywords : Glibenclamide Alternatives : CK(12) : AC(2)

The current evidence suggests some potential benefit of Aloe vera in improving glycaemic control in prediabetes and type 2 diabetes.

Pubmed Data : J Clin Pharm Ther. 2016 Apr ;41(2):180-8. Epub 2016 Mar 23. PMID: [27009750](#)

Article Published Date : Mar 31, 2016

Authors : N Suksomboon, N Poolsup, S Punthanitisarn

Study Type : Meta Analysis, Review

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Diabetes Mellitus: Type 2 : CK(3384) : AC(595), Prediabetes : CK(150) : AC(17)

Pharmacological Actions : Hypoglycemic Agents : CK(1392) : AC(340)

Diabetic Ulcer (AC 2) (CK 12)

A combination of hyper-oxygenated fatty acids, Aloe barbadensis (syn. A. vera) and Mimosa tenuiflora has therapeutic benefits in the treatment of vascular ulcers and diabetic foot ulcers.

Pubmed Data : Rev Enferm. 2006 Oct;29(10):25-30. PMID: [17144630](#)

Article Published Date : Oct 01, 2006

Authors : José Puentes Sánchez, Carmen M Pardo González, M Belén Pardo González, Félix J Navarro Casado, Román Puentes Sánchez, Juan Miguel Méndez González, Josefa González Rojo, Antonia Juárez Morales, Isabel M López Fernández

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Mimosa tenuiflora](#) : CK(10) : AC(1) , [Oxygen Therapies](#) : CK(31) : AC(4)

Diseases : [Diabetic Ulcer](#) : CK(155) : AC(25)

Additional Keywords : [Plant Extracts](#) : CK(7438) : AC(2449)

A polyherbal formula containing Sea buckthorn (H. rhamnoides), Aloe and Turmeric (C. longa) possesses significant wound healing potential in both normal as well as chronic diabetic wounds.

Pubmed Data : Wound Repair Regen. 2008 Nov-Dec;16(6):784-90. PMID: [19128249](#)

Article Published Date : Nov 01, 2008

Authors : Asheesh Gupta, Nitin K Upadhyay, R C Sawhney, Ratan Kumar

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Sea buckthorn](#) : CK(61) : AC(17) , [Turmeric](#) : CK(4951) : AC(2343)

Diseases : [Diabetic Ulcer](#) : CK(155) : AC(25) , [Wound Healing](#) : CK(539) : AC(161)

Additional Keywords : [Plant Extracts](#) : CK(7438) : AC(2449)

Encephalitis: Japanese (AC 1) (CK 1)

Aloe induces interferon and inhibits Japanese Encephalitis Virus (JEV) and Enterovirus 71 (E71) replication.

Pubmed Data : Planta Med. 2009 Mar;75(4):337-9. Epub 2009 Jan 15. PMID: [18701259](#)

Article Published Date : Mar 01, 2009

Authors : Cheng-Wen Lin, Chia-Fang Wu, Nai-Wan Hsiao, Ching-Yao Chang, Shih-Wein Li, Lei Wan, Ying-Ju Lin, Wei-Yong Lin

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Encephalitis: Japanese : CK(17) : AC(8) , Enterovirus : CK(2) : AC(2)

Pharmacological Actions : Interferon Inducers : CK(31) : AC(9)

Endothelial Dysfunction (AC 1) (CK 1)

HIPER Health Supplement has a potent ability to decrease NF- κ B and MAP kinase activation, and therefore inflammatory gene expression

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:260530. Epub 2015 Nov 17.
PMID: [26664450](#)

Article Published Date : Dec 31, 2014

Authors : Kristine C Y McGrath, Xiao-Hong Li, Lucinda S McRobb, Alison K Heather

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103) , Papaya : CK(105) : AC(45) , Pine Bark Extract : CK(567) : AC(96)

Diseases : Endothelial Dysfunction : CK(1176) : AC(232) , Inflammation : CK(2900) : AC(850) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , NF-kappaB Inhibitor : CK(1113) : AC(693) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Enterococcus Infections (AC 1) (CK 1)

A hydroalcoholic extract of A. vera showed the highest zone of inhibition against E. faecalis.

Pubmed Data : J Indian Soc Pedod Prev Dent. 2015 Oct-Dec;33(4):274-8. PMID: [26381627](#)

Article Published Date : Sep 30, 2015

Authors : Swati Ramesh Karkare, Nivedita Pramod Ahire, Smita Uday Khedkar

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Garlic : CK(712) : AC(225)

Diseases : Enterococcus Infections : CK(16) : AC(12)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Antimicrobial : CK(292) : AC(127)

Enterovirus (AC 1) (CK 1)

Aloe induces interferon and inhibits Japanese Encephalitis Virus (JEV) and Enterovirus 71 (E71) replication.

Pubmed Data : Planta Med. 2009 Mar;75(4):337-9. Epub 2009 Jan 15. PMID: [18701259](#)

Article Published Date : Mar 01, 2009

Authors : Cheng-Wen Lin, Chia-Fang Wu, Nai-Wan Hsiao, Ching-Yao Chang, Shih-Wein Li, Lei Wan, Ying-Ju Lin, Wei-Yong Lin

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Encephalitis: Japanese : CK(17) : AC(8) , Enterovirus : CK(2) : AC(2)

Pharmacological Actions : Interferon Inducers : CK(31) : AC(9)

Escherichia coli Infections (AC 1) (CK 1)

Aloe has anti-bacterial activity against Escherichia coli and Staphylococcus aureus.

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [20085127](#)

Article Published Date : Jan 01, 2002

Authors : S R Shilpakala, J Prathiba, R Malathi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Escherichia coli Infections : CK(152) : AC(90) , Staphylococcus aureus infection : CK(152) :

AC(108)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474)

Fluoride Toxicity (AC 1) (CK 2)

Aloe vera, turmeric and holy basil suppress the adverse effects associated with maternal fluoride exposure.

Pubmed Data : Indian J Exp Biol. 2010 Aug;48(8):830-6. PMID: [21341542](#)

Article Published Date : Aug 01, 2010

Authors : N Madhusudhan, P Mahaboob Basha, Puja Rai, Fiyaz Ahmed, G Ravi Prasad

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Holy Basil : CK(111) : AC(44) , Turmeric : CK(4968) : AC(2348)

Diseases : Fluoride Toxicity : CK(186) : AC(62) , Lipid Peroxidation : CK(693) : AC(253) , Oxidative Stress : CK(3836) : AC(1369) , Prenatal Chemical Exposures : CK(457) : AC(112)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659)

Gastric Cancer (AC 3) (CK 12)

Aloe induces apoptosis in human gastric carcinoma cells.

Pubmed Data : Food Chem Toxicol. 2007 Nov;45(11):2296-303. Epub 2007 Jun 12. PMID: [17637488](#)

Article Published Date : Nov 01, 2007

Authors : Sheng-Hsuan Chen, Kai-Yuan Lin, Chun-Chao Chang, Chia-Lang Fang, Chih-Ping Lin

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Gastric Cancer : CK(620) : AC(197)

Aloe significantly improves chemotherapy treatment

outcomes in patients with metastatic gastric, pancreatic and colorectal cancers.

Pubmed Data : In Vivo. 2009 Jan-Feb;23(1):171-5. PMID: [19368145](#)

Article Published Date : Jan 01, 2009

Authors : Paolo Lissoni, Franco Rovelli, Fernando Brivio, Romano Zago, Massimo Colciago, Giuseppina Messina, Adelio Mora, Giorgio Porro

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Cancer Metastasis : CK(442) : AC(206), Cancers: All : CK(14469) : AC(4575), Colorectal Cancer : CK(1635) : AC(611), Gastric Cancer : CK(620) : AC(197), Pancreatic Cancer : CK(887) : AC(259)

Additional Keywords : Drug-Plant-Vitamin Synergies : CK(965) : AC(266)

Aloe suppresses proliferation of gastric cancer cells.

Pubmed Data : Cancer Invest. 2008 May;26(4):369-74. PMID: [18443957](#)

Article Published Date : May 01, 2008

Authors : Junming Guo, Bingxiu Xiao, Qiong Liu, Zhaohui Gong, Yanping Le

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Gastric Cancer : CK(620) : AC(197)

Gingivitis (AC 1) (CK 1)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36) , Lichen Planus : CK(53) : AC(6) , Oral Submucous Fibrosis : CK(43) : AC(7) , Periodontal Diseases : CK(257) : AC(64) , Radiation Induced Illness: Mucositis : CK(28) : AC(6) , Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Anti-Inflammatory Agents : CK(4578) : AC(1604) , Immunomodulatory : CK(1285) : AC(356) , Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Head and Neck Cancer (AC 1) (CK 10)

Aloe vera mouthwash was as beneficial as benzydamine mouthwash in alleviating the severity of radiation-induced mucositis.

Pubmed Data : Oral Health Prev Dent. 2015 ;13(4):309-15. PMID: [25431805](#)

Article Published Date : Dec 31, 2014

Authors : Mahnaz Sahebamee, Arash Mansourian, Mohammad Haji Mirza Mohammad, Mohsen Taghi Zadeh, Reza Bekhradi, Ali Kazemian, Soheila Manifar, Sajjad Ashnagar, Kiavash Doroudgar

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Head and Neck Cancer : CK(162) : AC(42) , Radiation Induced Illness: Mucositis : CK(28) : AC(6)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604)

Additional Keywords : Natural Substances Versus Drugs : CK(1694) : AC(300) , Plant Extracts : CK(7438) : AC(2449)

Herpes Simplex Virus Type 1 (AC 1) (CK 1)

Aloe vera gel can be a useful topical treatment for oral HSV-1 infections.

Pubmed Data : J Dent (Shiraz). 2016 Mar ;17(1):49-54. PMID: [26966709](#)

Article Published Date : Feb 29, 2016

Authors : Fahimeh Rezazadeh, Maryam Moshaverinia, Mohammad Motamedifar, Montazer Alyaseri

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Herpes Simplex Virus Type 1](#) : CK(74) : AC(32)

Pharmacological Actions : [Antiviral Agents](#) : CK(936) : AC(432)

Hyperglycemia (AC 1) (CK 20)

These results support the use of oral aloe vera for significantly reducing fasting blood glucose.

Pubmed Data : J Altern Complement Med. 2016 May 6. Epub 2016 May 6. PMID: [27152917](#)

Article Published Date : May 05, 2016

Authors : William R Dick, Emily A Fletcher, Sachin A Shah

Study Type : Meta Analysis

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Hyperglycemia](#) : CK(539) : AC(130)

Pharmacological Actions : [Hypoglycemic Agents](#) : CK(1392) : AC(340)

Inflammation (AC 2) (CK 3)

HIPER Health Supplement has a potent ability to decrease NF- κ B and MAP kinase activation, and therefore inflammatory gene expression

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:260530. Epub 2015 Nov 17. PMID: [26664450](#)

Article Published Date : Dec 31, 2014

Authors : Kristine C Y McGrath, Xiao-Hong Li, Lucinda S McRobb, Alison K Heather

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103), Papaya : CK(105) : AC(45), Pine Bark Extract : CK(567) : AC(96)

Diseases : Endothelial Dysfunction : CK(1176) : AC(232), Inflammation : CK(2900) : AC(850), Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Vitamin E and Aloe vera helped decrease inflammatory responses and healing of the lesions induced on the tongue of rats subjected to radiation.

Pubmed Data : Support Care Cancer. 2015 Dec 23. Epub 2015 Dec 23. PMID: [26698599](#)

Article Published Date : Dec 22, 2015

Authors : Letícia de Freitas Cuba, Aroldo Braga Filho, Karen Cherubini, Fernanda Gonçalves Salum, Maria Antonia Zancanaro de Figueiredo

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Vitamin E : CK(1656) : AC(290)

Diseases : Inflammation : CK(2900) : AC(850), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Radiotherapy : CK(45) : AC(2)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Radioprotective : CK(756) : AC(262)

Inflammatory Bowel Diseases (AC 2) (CK 11)

Aloe vera gel has therapeutic potential in the treatment of inflammatory bowel diseases.

Pubmed Data : Ann Allergy Asthma Immunol. 2003 Apr;90(4):371-7; quiz 377-8, 421. PMID: [15043514](#)

Article Published Date : Apr 01, 2003

Authors : L Langmead, R M Feakins, S Goldthorpe, H Holt, E Tsironi, A De Silva, D P Jewell, D S Rampton

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Inflammatory Bowel Diseases : CK(990) : AC(187), Ulcerative Colitis : CK(294) : AC(58)

This reviews the favorable results from the use of herbal and plant products in inflammatory bowel disease.

Pubmed Data : Ann Gastroenterol. 2016 Jul-Sep;29(3):268-81. Epub 2016 Feb 20. PMID: [27366027](#)

Article Published Date : Jun 30, 2016

Authors : John K Triantafyllidis, Aikaterini Triantafyllidi, Constantinos Vagianos, Apostolos Papalois

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Artemisinin : CK(25) : AC(20), Curcumin : CK(4134) : AC(2174), Frankincense : CK(180) : AC(30), Green Tea : CK(1957) : AC(558), Lemongrass : CK(14) : AC(5), Panax Notoginseng : CK(42) : AC(9), Wormwood : CK(59) : AC(19)

Diseases : Crohn's Disease : CK(152) : AC(29), Inflammatory Bowel Diseases : CK(990) : AC(187), Ulcerative Colitis : CK(294) : AC(58)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Irritable Bowel Syndrome (AC 2) (CK 20)

Aloe vera may have therapeutic value in the treatment of irritable bowel syndrome.

Pubmed Data : Int J Clin Pract. 2006 Sep;60(9):1080-6. Epub 2006 Jun 2. PMID: [16749917](#)

Article Published Date : Sep 01, 2006

Authors : K Davis, S Philpott, D Kumar, M Mendall

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Irritable Bowel Syndrome : CK(709) : AC(91)

VH200® seems to be a promising treatment option for patients with IBS owing to the positive results seen within

the secondary endpoints.

Pubmed Data : J Gastrointestin Liver Dis. 2015 Sep ;24(3):275-80. PMID: [26405698](#)

Article Published Date : Aug 31, 2015

Authors : Stine Størsrud, Irina Pontén, Magnus Simrén

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Irritable Bowel Syndrome](#) : CK(709) : AC(91)

Pharmacological Actions : [Gastrointestinal Agents](#) : CK(266) : AC(40)

Additional Keywords : [Plant Extracts](#) : CK(7438) : AC(2449)

Ischemia (AC 1) (CK 2)

Aloe vera is an effective neuroprotective against sciatic nerve ischemia/reperfusion injury and was found to be as effective as methylprednisolone.

Pubmed Data : Biomed Pharmacother. 2016 Apr ;79:201-7. Epub 2016 Mar 10. PMID: [27044829](#)

Article Published Date : Mar 31, 2016

Authors : Mustafa Guven, Umut Hatay Gölge, Esra Aslan, Muserref Hilal Sehitoglu, Adem Bozkurt Aras, Tarik Akman, Murat Cosar

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Ischemia](#) : CK(71) : AC(35), [Sciatica](#) : CK(88) : AC(15)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4615) : AC(1613), [Antioxidants](#) : CK(7261) : AC(2659), [Neuroprotective Agents](#) : CK(2254) : AC(1063)

Additional Keywords : [Natural Substances Versus Drugs](#) : CK(1694) : AC(300)

Leishmaniasis (AC 1) (CK 1)

Aloe vera leaf extract has leishmanial activity.

Pubmed Data : J Med Microbiol. 2007 May;56(Pt 5):629-36. PMID: [17446285](#)

Article Published Date : May 01, 2007

Authors : Avijit Dutta, Suman Bandyopadhyay, Chitra Mandal, Mitali Chatterjee

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Leishmaniasis](#) : CK(52) : AC(35)

Pharmacological Actions : [Leishmanicidal](#) : CK(38) : AC(24)

Leukemia (AC 1) (CK 1)

Aloe has an antileukaemic effect.

Pubmed Data : J Pharm Pharmacol. 2000 Aug;52(8):1037-41. PMID: [11007077](#)

Article Published Date : Aug 01, 2000

Authors : K H Lee, H S Hong, C H Lee, C H Kim

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Leukemia](#) : CK(965) : AC(385)

Leukemia: Acute myelogenous leukemia (AML) (AC 1) (CK 1)

Supercritical extracts of aloe vera exhibit antitumor properties and modulate antioxidant enzymes.

Pubmed Data : Curr Med Chem. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19941474](#)

Article Published Date : Nov 24, 2009

Authors : H A El-Shemy, M A M Aboul-Soud, A A Nassr-Allah, K M Aboul-Enein, A Kabash, A Yagi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Acute lymphoblastic leukemia (ALL) : CK(130) : AC(39) , Colon Cancer : CK(746) : AC(428) ,
Leukemia: Acute myelogenous leukemia (AML) : CK(111) : AC(34), Tumors : CK(203) : AC(119)

Pharmacological Actions : Anti-Tumor : CK(136) : AC(72)

Additional Keywords : Selective Cytotoxicity : CK(158) : AC(112)

Leukoplakia (AC 1) (CK 10)

Spirulina appears to be more promising when compared to aloe vera for the treatment of Oral submucous fibrosis (OSMF).

Pubmed Data : J Oral Biol Craniofac Res. 2015 Jan-Apr;5(1):11-5. Epub 2015 Jan 22. PMID: [25853042](#)

Article Published Date : Dec 31, 2014

Authors : Santosh Patil, Bader Kureyem Al-Zarea, Sneha Maheshwari, Rohit Sahu

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Spirulina : CK(266) : AC(73)

Diseases : Leukoplakia : CK(72) : AC(9), Oral Cancer: Prevention : CK(59) : AC(11)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659)

Lichen Planus (AC 3) (CK 21)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe gel may provide a safe and effective alternative treatment for patients with oral lichen planus.

Pubmed Data : Br J Dermatol. 2008 Mar;158(3):573-7. Epub 2007 Dec 17. PMID: [18093246](#)

Article Published Date : Mar 01, 2008

Authors : C Choonhakarn, P Busaracome, B Sripanidkulchai, P Sarakarn

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Lichen Planus : CK(53) : AC(6)

Aloe gel may provide a safe and effective alternative treatment for patients with vulval lichen planus.

Pubmed Data : J Coll Physicians Surg Pak. 2008 Oct;18(10):612-4. PMID: [18940117](#)

Article Published Date : Oct 01, 2008

Authors : Uzma D M Rajar, Rehana Majeed, Naheed Parveen, Imran Sheikh, Champa Sushel

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Lichen Planus : CK(53) : AC(6)

Lipid Peroxidation (AC 2) (CK 4)

Aloe vera has radioprotective properties.

Pubmed Data : J Environ Pathol Toxicol Oncol. 2009;28(1):53-61. PMID: [19392655](#)

Article Published Date : Jan 01, 2009

Authors : Pradeep Kumar Goyal, Prashasnika Gehlot

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Lipid Peroxidation](#) : CK(693) : AC(253), [Radiation Induced Illness](#) : CK(1046) : AC(264)

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

Additional Keywords : [Plant Extracts](#) : CK(7337) : AC(2432)

Aloe vera, turmeric and holy basil suppress the adverse effects associated with maternal fluoride exposure.

Pubmed Data : Indian J Exp Biol. 2010 Aug;48(8):830-6. PMID: [21341542](#)

Article Published Date : Aug 01, 2010

Authors : N Madhusudhan, P Mahaboob Basha, Puja Rai, Fiyaz Ahmed, G Ravi Prasad

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73), [Holy Basil](#) : CK(111) : AC(44), [Turmeric](#) : CK(4968) : AC(2348)

Diseases : [Fluoride Toxicity](#) : CK(186) : AC(62), [Lipid Peroxidation](#) : CK(693) : AC(253), [Oxidative Stress](#) : CK(3836) : AC(1369), [Prenatal Chemical Exposures](#) : CK(457) : AC(112)

Pharmacological Actions : [Antioxidants](#) : CK(7261) : AC(2659)

Lung Cancer (AC 1) (CK 1)

Aloe induces cell death in human lung nonsmall carcinoma.

Pubmed Data : Eur J Pharmacol. 2007 Nov 14;573(1-3):1-10. Epub 2007 Jul 12. PMID: [17643413](#)

Article Published Date : Nov 14, 2007

Authors : Miao-Ying Lai, Mann-Jen Hour, Henry Wing-Cheung Leung, Wen-Hui Yang, Hong-Zin Lee

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Lung Cancer](#) : CK(1032) : AC(392)

Melanoma (AC 1) (CK 1)

Aloe-emodin exhibits anti-tumor properties against melanoma cells.

Pubmed Data : Life Sci. 2010 Aug 28;87(9-10):316-24. Epub 2010 Jul 16. PMID: [20624404](#)

Article Published Date : Aug 28, 2010

Authors : Claudio Tabolacci, Alessandro Lentini, Palma Mattioli, Bruno Provenzano, Serafina Oliverio, Fabrizio Carlomosti, Simone Beninati

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Melanoma : CK(282) : AC(146)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680)

Multiple Sclerosis (AC 1) (CK 2)

Aloe vera therapy can attenuate the disease progression in experimental model of Multiple Sclerosis.

Pubmed Data : Immunopharmacol Immunotoxicol. 2010 Mar 17. Epub 2010 Mar 17. PMID: [20233107](#)

Article Published Date : Mar 17, 2010

Authors : A Mirshafiey, B Aghily, S Namaki, A Razavi, A Ghazavi, P Ekhtiari, G Mosayebi

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Multiple Sclerosis : CK(963) : AC(183)

Nasopharyngeal Cancer (AC 1) (CK 1)

Aloe-emodin induces programmed cell death in human nasopharyngeal carcinoma cells.

Pubmed Data : Cancer Lett. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19942342](#)

Article Published Date : Nov 24, 2009

Authors : Meng-Liang Lin, Yao-Cheng Lu, Jing-Gung Chung, Yi-Chen Li, Shyang-Guang Wang, Sue-Hwee N G, Chia-Yin Wu, Hong-Lin Su, Shih-Shun Chen

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Nasopharyngeal Cancer : CK(73) : AC(31)

Pharmacological Actions : Apoptotic : CK(2952) : AC(2071)

Neuroblastoma (AC 1) (CK 1)

Aloe vera protein extract suppresses human IMR-32 neuroblastoma cell proliferation, possibly by suppressing CCND2 transcript levels in vitro.

Pubmed Data : Anticancer Res. 2015 Aug ;35(8):4479-85. PMID: [26168490](#)

Article Published Date : Jul 31, 2015

Authors : Akane Yonehara, Yuka Tanaka, Kasem Kulkeaw, Takumi Era, Yoichi Nakanishi, Daisuke Sugiyama

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Neuroblastoma : CK(85) : AC(52)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680)

Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Obesity (AC 1) (CK 2)

Lactobacillus plantarum LP625 alone or supplemented with herbs seems to protect against diet induced obesity.

Pubmed Data : Benef Microbes. 2016 Mar 1:1-12. Epub 2016 Mar 1. PMID: [26925603](#)

Article Published Date : Feb 29, 2016

Authors : R Pothuraju, R K Sharma, P Kumar Kavadi, J Chagalamarri, S Jangra, G Bhakri, S De

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Gymnema Sylvestre : CK(38) : AC(16) , Lactobacillus plantarum : CK(130) : AC(28) , Probiotics : CK(2852) : AC(361)

Diseases : Obesity : CK(2203) : AC(463)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Interleukin-6 Downregulation : CK(1078) : AC(337) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Additional Keywords : Anti-Obesity Agents : CK(484) : AC(106)

Oral Cancer: Prevention (AC 1) (CK 10)

Spirulina appears to be more promising when compared to aloe vera for the treatment of Oral submucous fibrosis (OSMF).

Pubmed Data : J Oral Biol Craniofac Res. 2015 Jan-Apr;5(1):11-5. Epub 2015 Jan 22. PMID: [25853042](#)

Article Published Date : Dec 31, 2014

Authors : Santosh Patil, Bader Kureyem Al-Zarea, Sneha Maheshwari, Rohit Sahu

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Spirulina : CK(266) : AC(73)

Diseases : Leukoplakia : CK(72) : AC(9) , Oral Cancer: Prevention : CK(59) : AC(11)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659)

Oral Lichen Planus (AC 1) (CK 10)

Topical aloe vera improves quality of life in patients with oral lichen planus.

Pubmed Data : J Oral Pathol Med. 2010 Nov;39(10):735-40. Epub 2010 Oct 4. PMID: [20923446](#)

Article Published Date : Nov 01, 2010

Authors : N Salazar-Sánchez, P López-Jornet, F Camacho-Alonso, M Sánchez-Siles

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Oral Lichen Planus : CK(42) : AC(6)

Oral Submucous Fibrosis (AC 3) (CK 21)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe vera can be an alternative, safe, and effective treatment regime in the management of oral submucous

fibrosis.

Pubmed Data : J Oral Pathol Med. 2016 Jun 17. Epub 2016 Jun 17. PMID: [27314762](#)

Article Published Date : Jun 16, 2016

Authors : Ardra Anuradha, Bharati Patil, Venkataswamy Reddy Asha

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Oral Submucous Fibrosis](#) : CK(43) : AC(7)

Additional Keywords : [Significant Treatment Outcome](#) : CK(3028) : AC(365)

Improvement in all the parameters was seen with the individuals receiving Aloe vera gel in comparison to antioxidants.

Pubmed Data : J Contemp Dent Pract. 2016 ;17(1):78-84. Epub 2016 Jan 1. PMID: [27084867](#)

Article Published Date : Dec 31, 2015

Authors : Nisha Singh, Manjula Hebbale, Amit Mhapuskar, Shams Ul Nisa, Shameeka Thopte, Saumya Singh

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Oral Submucous Fibrosis](#) : CK(43) : AC(7)

Therapeutic Actions : [Integrative Medicine](#) : CK(292) : AC(43)

Pharmacological Actions : [Analgesics](#) : CK(1315) : AC(215)

Osteosarcoma (AC 1) (CK 1)

Aloe emodin and photodynamic therapy induced autophagy and apoptosis of human osteosarcoma cell line MG-63.

Pubmed Data : Oncol Rep. 2016 Mar 24. Epub 2016 Mar 24. PMID: [27035222](#)

Article Published Date : Mar 23, 2016

Authors : Pinghua Tu, Qiu Huang, Yunsheng Ou, Xing Du, Kaiting Li, Yong Tao, Hang Yin

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Emodin](#) : CK(43) : AC(27)

Diseases : Osteosarcoma : CK(133) : AC(69)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Apoptotic : CK(2952) : AC(2071) , Autophagy Up-regulation : CK(108) : AC(65)

Oxidative Stress (AC 4) (CK 6)

Aloe vera and honey treatment affect the tumor and host by different mechanisms by modulated host wasting and cachexia, while promoting oxidative stress and damage in tumor tissues.

Pubmed Data : J Med Food. 2015 Apr 9. Epub 2015 Apr 9. PMID: [25856497](#)

Article Published Date : Apr 08, 2015

Authors : Rebeka Tomasin, Rafael Siqueira de Andrade, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Cachexia : CK(77) : AC(25) , Cancers: All : CK(14469) : AC(4575) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659) , Immunomodulatory : CK(1285) : AC(356)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Aloe vera, turmeric and holy basil suppress the adverse effects associated with maternal fluoride exposure.

Pubmed Data : Indian J Exp Biol. 2010 Aug;48(8):830-6. PMID: [21341542](#)

Article Published Date : Aug 01, 2010

Authors : N Madhusudhan, P Mahaboob Basha, Puja Rai, Fiyaz Ahmed, G Ravi Prasad

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Holy Basil : CK(111) : AC(44) , Turmeric : CK(4968) : AC(2348)

Diseases : Fluoride Toxicity : CK(186) : AC(62) , Lipid Peroxidation : CK(693) : AC(253) , Oxidative Stress : CK(3836) : AC(1369) , Prenatal Chemical Exposures : CK(457) : AC(112)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659)

HIPER Health Supplement has a potent ability to decrease NF-κB and MAP kinase activation, and therefore inflammatory gene expression

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:260530. Epub 2015 Nov 17. PMID: [26664450](#)

Article Published Date : Dec 31, 2014

Authors : Kristine C Y McGrath, Xiao-Hong Li, Lucinda S McRobb, Alison K Heather

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103) , Papaya : CK(105) : AC(45) , Pine Bark Extract : CK(567) : AC(96)

Diseases : Endothelial Dysfunction : CK(1176) : AC(232) , Inflammation : CK(2900) : AC(850) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , NF-kappaB Inhibitor : CK(1113) : AC(693) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410) , Antiproliferative : CK(2471) : AC(1680) , Apoptotic : CK(2952) : AC(2071) , Photosensitizing Agents : CK(1) : AC(1)

Pancreatic Cancer (AC 2) (CK 11)

Aloe polysaccharide induces autophagy in pancreatic carcinoma BxPC-3 cells both alone and in concert with

radiation.

Pubmed Data : Pak J Pharm Sci. 2016 Jul ;29(4):1123-6. PMID: [27393447](#)

Article Published Date : Jun 30, 2016

Authors : Chunjin Xu, Feng Xu

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Pancreatic Cancer : CK(887) : AC(259)

Pharmacological Actions : Autophagy Up-regulation : CK(108) : AC(65), MicroRNA modulator : CK(260) : AC(142), Radiosensitizer : CK(99) : AC(62)

Additional Keywords : Radiosensitizer : CK(99) : AC(62)

Aloe significantly improves chemotherapy treatment outcomes in patients with metastatic gastric, pancreatic and colorectal cancers.

Pubmed Data : In Vivo. 2009 Jan-Feb;23(1):171-5. PMID: [19368145](#)

Article Published Date : Jan 01, 2009

Authors : Paolo Lissoni, Franco Rovelli, Fernando Brivio, Romano Zago, Massimo Colciago, Giuseppina Messina, Adelio Mora, Giorgio Porro

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Cancer Metastasis : CK(442) : AC(206), Cancers: All : CK(14469) : AC(4575), Colorectal Cancer : CK(1635) : AC(611), Gastric Cancer : CK(620) : AC(197), Pancreatic Cancer : CK(887) : AC(259)

Additional Keywords : Drug-Plant-Vitamin Synergies : CK(965) : AC(266)

Periodontal Diseases (AC 3) (CK 16)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe vera gel at optimum concentration could be used as an antiseptic for prevention of dental caries and periodontal diseases.

Pubmed Data : J Oral Sci. 2012 ;54(1):15-21. PMID: [22466882](#)

Article Published Date : Jan 01, 2012

Authors : Mohammadmehdi Fani, Jamshid Kohanteb

Study Type : Human In Vitro

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Dental Caries : CK(412) : AC(59), Periodontal Diseases : CK(257) : AC(64)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474)

Aloe vera gel can improve periodontal disease.

Pubmed Data : J Indian Soc Periodontol. 2011 Jul ;15(3):205-9. PMID: [22028505](#)

Article Published Date : Jul 01, 2011

Authors : Geetha Bhat, Praveen Kudva, Vidya Dodwad

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Periodontal Diseases : CK(257) : AC(64)

Pesticide Toxicity (AC 1) (CK 2)

Aloe vera has a protective effect against lindane induced

hepatotoxicity and genotoxicity.

Pubmed Data : Pak J Pharm Sci. 2006 Oct;19(4):337-40. PMID: [17105716](#)

Article Published Date : Oct 01, 2006

Authors : O E Etim, E O Farombi, I F Usoh, E J Akpan

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Pesticide Toxicity](#) : CK(190) : AC(60)

Pharmacological Actions : [Hepatoprotective](#) : CK(1372) : AC(588)

Additional Keywords : [Chemical: Lindane](#) : CK(22) : AC(7), [Plant Extracts](#) : CK(7438) : AC(2449)

Petroleum Exposure And Toxicity (AC 1) (CK 2)

Aloe has a protective effect against petroleum product hepatotoxicity and genotoxicity in mice.

Pubmed Data : Food Chem Toxicol. 2009 Oct;47(10):2454-7. Epub 2009 Jul 5. PMID: [19583991](#)

Article Published Date : Oct 01, 2009

Authors : Michael A Gbadegesin, Oyeronke A Odunola, Kazeem A Akinwumi, Olabode O Osifeso

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [DNA damage](#) : CK(990) : AC(380), [Petroleum Exposure And Toxicity](#) : CK(51) : AC(19)

Pharmacological Actions : [Hepatoprotective](#) : CK(1372) : AC(588)

Additional Keywords : [Plant Extracts](#) : CK(7438) : AC(2449)

Prediabetes (AC 1) (CK 20)

The current evidence suggests some potential benefit of Aloe vera in improving glycaemic control in prediabetes

and type 2 diabetes.

Pubmed Data : J Clin Pharm Ther. 2016 Apr ;41(2):180-8. Epub 2016 Mar 23. PMID: [27009750](#)

Article Published Date : Mar 31, 2016

Authors : N Suksomboon, N Poolsup, S Punthanitisarn

Study Type : Meta Analysis, Review

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Diabetes Mellitus: Type 2](#) : CK(3384) : AC(595), [Prediabetes](#) : CK(150) : AC(17)

Pharmacological Actions : [Hypoglycemic Agents](#) : CK(1392) : AC(340)

Prenatal Chemical Exposures (AC 1) (CK 2)

Aloe vera, turmeric and holy basil suppress the adverse effects associated with maternal fluoride exposure.

Pubmed Data : Indian J Exp Biol. 2010 Aug;48(8):830-6. PMID: [21341542](#)

Article Published Date : Aug 01, 2010

Authors : N Madhusudhan, P Mahaboob Basha, Puja Rai, Fiyaz Ahmed, G Ravi Prasad

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73), [Holy Basil](#) : CK(111) : AC(44), [Turmeric](#) : CK(4968) : AC(2348)

Diseases : [Fluoride Toxicity](#) : CK(186) : AC(62), [Lipid Peroxidation](#) : CK(693) : AC(253), [Oxidative Stress](#) : CK(3836) : AC(1369), [Prenatal Chemical Exposures](#) : CK(457) : AC(112)

Pharmacological Actions : [Antioxidants](#) : CK(7261) : AC(2659)

Pseudomonas aeruginosa (AC 1) (CK 5)

A. vera gel could be active against P. aeruginosa in wound infections at various concentrations.

Pubmed Data : Chemother Res Pract. 2015 ;2015:639806. Epub 2015 Jul 22. PMID: [26266047](#)

Article Published Date : Dec 31, 2014

Authors : Mehdi Goudarzi, Maryam Fazeli, Mehdi Azad, Sima Sadat Seyedjavadi, Reza Mousavi

Study Type : Human In Vitro

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Pseudomonas aeruginosa](#) : CK(107) : AC(65)

Pharmacological Actions : [Antimicrobial](#) : CK(292) : AC(127)

Additional Keywords : [Multidrug Resistance](#) : CK(6) : AC(4)

Psoriasis (AC 1) (CK 10)

Aloe gel is a safe and effective treatment for psoriasis.

Pubmed Data : Trop Med Int Health. 1996 Aug;1(4):505-9. PMID: [8765459](#)

Article Published Date : Aug 01, 1996

Authors : T A Syed, S A Ahmad, A H Holt, S A Ahmad, S H Ahmad, M Afzal

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Psoriasis](#) : CK(352) : AC(65)

Radiation Induced Illness (AC 1) (CK 2)

Aloe vera has radioprotective properties.

Pubmed Data : J Environ Pathol Toxicol Oncol. 2009;28(1):53-61. PMID: [19392655](#)

Article Published Date : Jan 01, 2009

Authors : Pradeep Kumar Goyal, Prashasika Gehlot

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Lipid Peroxidation : CK(693) : AC(253), Radiation Induced Illness : CK(1046) : AC(264)

Pharmacological Actions : Radioprotective : CK(756) : AC(262)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Radiation Induced Illness: Mucositis (AC 3) (CK 13)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe vera mouthwash was as beneficial as benzydamine mouthwash in alleviating the severity of radiation-induced mucositis.

Pubmed Data : Oral Health Prev Dent. 2015 ;13(4):309-15. PMID: [25431805](#)

Article Published Date : Dec 31, 2014

Authors : Mahnaz Sahebamee, Arash Mansourian, Mohammad Haji Mirza Mohammad, Mohsen Taghi Zadeh, Reza Bekhradi, Ali Kazemian, Soheila Manifar, Sajjad Ashnagar, Kiavash Doroudgar

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Head and Neck Cancer : CK(162) : AC(42) , Radiation Induced Illness: Mucositis : CK(28) : AC(6)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604)

Additional Keywords : Natural Substances Versus Drugs : CK(1694) : AC(300) , Plant Extracts : CK(7438) : AC(2449)

Vitamin E and Aloe vera helped decrease inflammatory responses and healing of the lesions induced on the tongue of rats subjected to radiation.

Pubmed Data : Support Care Cancer. 2015 Dec 23. Epub 2015 Dec 23. PMID: [26698599](#)

Article Published Date : Dec 22, 2015

Authors : Letícia de Freitas Cuba, Aroldo Braga Filho, Karen Cherubini, Fernanda Gonçalves Salum, Maria Antonia Zancanaro de Figueiredo

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Vitamin E : CK(1656) : AC(290)

Diseases : Inflammation : CK(2900) : AC(850) , Radiation Induced Illness: Mucositis : CK(28) : AC(6) , Radiotherapy : CK(45) : AC(2)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Radioprotective : CK(756) : AC(262)

Radiotherapy (AC 1) (CK 2)

Vitamin E and Aloe vera helped decrease inflammatory responses and healing of the lesions induced on the tongue of rats subjected to radiation.

Pubmed Data : Support Care Cancer. 2015 Dec 23. Epub 2015 Dec 23. PMID: [26698599](#)

Article Published Date : Dec 22, 2015

Authors : Letícia de Freitas Cuba, Aroldo Braga Filho, Karen Cherubini, Fernanda Gonçalves Salum, Maria Antonia Zancanaro de Figueiredo

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Vitamin E : CK(1656) : AC(290)

Diseases : Inflammation : CK(2900) : AC(850) , Radiation Induced Illness: Mucositis : CK(28) : AC(6) , Radiotherapy : CK(45) : AC(2)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Radioprotective :

Scabies (AC 1) (CK 10)

Aloe vera gel has been shown to be as effective as benzyl benzoate in the treatment of scabies.

Pubmed Data : Phytother Res. 2009 Mar 9. [Epub ahead of print] PMID: [19274696](#)

Article Published Date : Mar 09, 2009

Authors : O A Oyelami, A Onayemi, O A Oyedeji, L A Adeyemi

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Scabies](#) : CK(20) : AC(2)

Additional Keywords : [Natural Substances Versus Drugs](#) : CK(1694) : AC(300)

Sciatica (AC 1) (CK 2)

Aloe vera is an effective neuroprotective against sciatic nerve ischemia/reperfusion injury and was found to be as effective as methylprednisolone.

Pubmed Data : Biomed Pharmacother. 2016 Apr ;79:201-7. Epub 2016 Mar 10. PMID: [27044829](#)

Article Published Date : Mar 31, 2016

Authors : Mustafa Guven, Umut Hatay Gölge, Esra Aslan, Muserref Hilal Sehitoglu, Adem Bozkurt Aras, Tarik Akman, Murat Cosar

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Ischemia](#) : CK(71) : AC(35), [Sciatica](#) : CK(88) : AC(15)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4615) : AC(1613), [Antioxidants](#) : CK(7261) : AC(2659), [Neuroprotective Agents](#) : CK(2254) : AC(1063)

Additional Keywords : [Natural Substances Versus Drugs](#) : CK(1694) : AC(300)

Skin Cancer (AC 1) (CK 1)

Aloe-emodin may have therapeutic activity in skin cancer.

Pubmed Data : Chem Res Toxicol. 2009 Dec;22(12):2017-28. PMID: [19928967](#)

Article Published Date : Dec 01, 2009

Authors : Tzung-Han Chou, Chia-Hua Liang

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Skin Cancer : CK(652) : AC(264) , Skin Cancer: Squamous Cell : CK(56) : AC(20)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647) , Tumor Suppressor Protein p53 Upregulation : CK(293) : AC(202)

Additional Keywords : Drug: 5-flourouracil : CK(108) : AC(29) , Selective Cytotoxicity : CK(158) : AC(112)

Skin Cancer: Squamous Cell (AC 1) (CK 1)

Aloe-emodin may have therapeutic activity in skin cancer.

Pubmed Data : Chem Res Toxicol. 2009 Dec;22(12):2017-28. PMID: [19928967](#)

Article Published Date : Dec 01, 2009

Authors : Tzung-Han Chou, Chia-Hua Liang

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Skin Cancer : CK(652) : AC(264) , Skin Cancer: Squamous Cell : CK(56) : AC(20)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647) , Tumor Suppressor Protein p53 Upregulation : CK(293) : AC(202)

Additional Keywords : Drug: 5-flourouracil : CK(108) : AC(29) , Selective Cytotoxicity : CK(158) :

Skin Diseases: Photo-Aging (AC 1) (CK 10)

Aloe gel significantly improves wrinkles and elasticity in photoaged human skin.

Pubmed Data : Ann Dermatol. 2009 Feb;21(1):6-11. Epub 2009 Feb 28. PMID: [20548848](#)

Article Published Date : Feb 01, 2009

Authors : Soyun Cho, Serah Lee, Min-Jung Lee, Dong Hun Lee, Chong-Hyun Won, Sang Min Kim, Jin Ho Chung

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Aging Skin : CK(426) : AC(101), Skin Diseases: Photo-Aging : CK(122) : AC(50), Wrinkles : CK(10) : AC(1)

Pharmacological Actions : Matrix metalloproteinase-1 (MMP-1) inhibitor : CK(32) : AC(16)

Staphylococcus aureus infection (AC 1) (CK 1)

Aloe has anti-bacterial activity against Escherichia coli and Staphylococcus aureus.

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [20085127](#)

Article Published Date : Jan 01, 2002

Authors : S R Shilpakala, J Prathiba, R Malathi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Escherichia coli Infections : CK(152) : AC(90) , Staphylococcus aureus infection : CK(152) : AC(108)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474)

Stomatitis: Aphthous (AC 1) (CK 1)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36) , Lichen Planus : CK(53) : AC(6) , Oral Submucous Fibrosis : CK(43) : AC(7) , Periodontal Diseases : CK(257) : AC(64) , Radiation Induced Illness: Mucositis : CK(28) : AC(6) , Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Anti-Inflammatory Agents : CK(4578) : AC(1604) , Immunomodulatory : CK(1285) : AC(356) , Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Stomatitis: Chemotherapy-Induced (AC 1) (CK 10)

Aloe vera mouthwash significantly reduced the intensity of stomatitis and its pain in the intervention group.

Pubmed Data : Int J Community Based Nurs Midwifery. 2016 Apr ;4(2):119-26. PMID: [27218109](#)

Article Published Date : Mar 31, 2016

Authors : Parisa Mansouri, Maryam Haghghi, Noushin Beheshtipour, Mani Ramzi

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Stomatitis: Chemotherapy-Induced](#) : CK(10) : AC(1)

Pharmacological Actions : [Chemoprotective Agents](#) : CK(356) : AC(146)

Streptococcus pyogenes (AC 1) (CK 1)

Shigella flexneri and Streptococcus pyogenes are susceptible to aloe.

Pubmed Data : Antimicrob Agents Chemother. 2003 Mar;47(3):1137-9. PMID: [12604556](#)

Article Published Date : Mar 01, 2003

Authors : Valerie A Ferro, Fiona Bradbury, Pamela Cameron, Eisin Shakir, Sabita R Rahman, William H Stimson

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Streptococcus pyogenes](#) : CK(29) : AC(18)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1366) : AC(474)

Tongue Cancer (AC 1) (CK 1)

Aloe-emodin induces cell death in human tongue squamous cancer SCC-4 cells.

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4503-11. PMID: [20032398](#)

Article Published Date : Nov 01, 2009

Authors : Tsan-Hung Chiu, Wan-Wen Lai, Te-Chun Hsia, Jai-Sing Yang, Tung-Yuan Lai, Ping-Ping Wu, Chia-Yu Ma, Chin-Chung Yeh, Chin-Chin Ho, Hsu-Feng Lu, W Gibson Wood, Jing-Gung Chung

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Emodin](#) : CK(43) : AC(27)

Diseases : Tongue Cancer : CK(40) : AC(18)

Pharmacological Actions : Apoptotic : CK(2952) : AC(2071), Cell cycle arrest : CK(808) : AC(610)

Tumors (AC 1) (CK 1)

Supercritical extracts of aloe vera exhibit antitumor properties and modulate antioxidant enzymes.

Pubmed Data : Curr Med Chem. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19941474](#)

Article Published Date : Nov 24, 2009

Authors : H A El-Shemy, M A M Aboul-Soud, A A Nassr-Allah, K M Aboul-Enein, A Kabash, A Yagi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Acute lymphoblastic leukemia (ALL) : CK(130) : AC(39), Colon Cancer : CK(746) : AC(428), Leukemia: Acute myelogenous leukemia (AML) : CK(111) : AC(34), Tumors : CK(203) : AC(119)

Pharmacological Actions : Anti-Tumor : CK(136) : AC(72)

Additional Keywords : Selective Cytotoxicity : CK(158) : AC(112)

Ulcerative Colitis (AC 3) (CK 13)

Aloe vera and ubiqinol have a protective and healing effect on experimental ulcerative colitis in rats.

Pubmed Data : Lancet. 2001 Dec 15;358(9298):2026-33. PMID: [14695941](#)

Article Published Date : Dec 15, 2001

Authors : Ludmila Korkina, Maxim Suprun, Anna Petrova, Elena Mikhal'chik, Antonio Luci, Chiara De Luca

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74), Ubiquinol : CK(138) : AC(24)

Diseases : Ulcerative Colitis : CK(294) : AC(58)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659)

Aloe vera gel has therapeutic potential in the treatment of inflammatory bowel diseases.

Pubmed Data : Ann Allergy Asthma Immunol. 2003 Apr;90(4):371-7; quiz 377-8, 421. PMID: [15043514](#)

Article Published Date : Apr 01, 2003

Authors : L Langmead, R M Feakins, S Goldthorpe, H Holt, E Tsironi, A De Silva, D P Jewell, D S Rampton

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Inflammatory Bowel Diseases : CK(990) : AC(187), Ulcerative Colitis : CK(294) : AC(58)

This reviews the favorable results from the use of herbal and plant products in inflammatory bowel disease.

Pubmed Data : Ann Gastroenterol. 2016 Jul-Sep;29(3):268-81. Epub 2016 Feb 20. PMID: [27366027](#)

Article Published Date : Jun 30, 2016

Authors : John K Triantafyllidis, Aikaterini Triantafyllidi, Constantinos Vagianos, Apostolos Papalois

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Artemisinin : CK(25) : AC(20), Curcumin : CK(4134) : AC(2174), Frankincense : CK(180) : AC(30), Green Tea : CK(1957) : AC(558), Lemongrass : CK(14) : AC(5), Panax Notoginseng : CK(42) : AC(9), Wormwood : CK(59) : AC(19)

Diseases : Crohn's Disease : CK(152) : AC(29), Inflammatory Bowel Diseases : CK(990) : AC(187), Ulcerative Colitis : CK(294) : AC(58)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Ultraviolet Radiation Induced Damage (AC 1) (CK 2)

Oral Aloe vera gel powder has the ability to prevent the skin photoaging.

Pubmed Data : Biosci Biotechnol Biochem. 2016 Apr 4:1-9. Epub 2016 Apr 4. PMID: [27045316](#)

Article Published Date : Apr 03, 2016

Authors : Marie Saito, Miyuki Tanaka, Eriko Misawa, Ruiqing Yao, Kazumi Nabeshima, Kouji Yamauchi, Fumiaki Abe, Yuki Yamamoto, Fukumi Furukawa

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Ultraviolet Radiation Induced Damage](#) : CK(75) : AC(33)

Pharmacological Actions : [Matrix metalloproteinase-2 \(MMP-2\) inhibitor](#) : CK(285) : AC(147) ,
[Matrix metalloproteinase-9 \(MMP-9\) inhibitor](#) : CK(209) : AC(128) , [Photoprotective](#) : CK(69) : AC(26)

Wound Healing (AC 6) (CK 20)

A honey, milk, and Aloe vera ointment has multiple healing effects on burn wounds in rats.

Pubmed Data : Int J Low Extrem Wounds. 2016 May 23. Epub 2016 May 23. PMID: [27217089](#)

Article Published Date : May 22, 2016

Authors : Parviz Farzadinia, Niloofar Jofreh, Saeed Khatamsaz, Ali Movahed, Samad Akbarzadeh, Mostafa Mohammadi, Afshar Bargahi

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Cow Milk](#) : CK(20) : AC(3) , [Honey](#) : CK(504) : AC(103)

Diseases : [Burns](#) : CK(79) : AC(30) , [Wound Healing](#) : CK(539) : AC(161)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4615) : AC(1613)

A polyherbal formula containing Sea buckthorn (H. rhamnoides), Aloe and Turmeric (C. longa) possesses significant wound healing potential in both normal as well as chronic diabetic wounds.

Pubmed Data : Wound Repair Regen. 2008 Nov-Dec;16(6):784-90. PMID: [19128249](#)

Article Published Date : Nov 01, 2008

Authors : Asheesh Gupta, Nitin K Upadhyay, R C Sawhney, Ratan Kumar

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Sea buckthorn](#) : CK(61) : AC(17) , [Turmeric](#) : CK(4951) : AC(2343)

Diseases : [Diabetic Ulcer](#) : CK(155) : AC(25) , [Wound Healing](#) : CK(539) : AC(161)

Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Aloe vera gel had positive effects on cesarean wound healing when used as a dressing.

Pubmed Data : Glob J Health Sci. 2015 Jan ;7(1):203-9. Epub 2014 Aug 31. PMID: [25560349](#)

Article Published Date : Dec 31, 2014

Authors : Zahra Molazem, Fatemeh Mohseni, Masoumeh Younesi, Sareh Keshavarzi

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Cesarean Section : CK(492) : AC(39) , Wound Healing : CK(539) : AC(161)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Aloe vera has a potent effect in promoting corneal wound healing through facilitating re-epithilaization and reduction in inflammation in diabetic rats.

Pubmed Data : Clin Ophthalmol. 2015 ;9:2019-26. Epub 2015 Oct 28. PMID: [26604672](#)

Article Published Date : Dec 31, 2014

Authors : Ayman Atiba, Tamer Wasfy, Walied Abdo, Ahmed Ghoneim, Tarek Kamal, Mustafa Shukry

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Burns : CK(79) : AC(30) , Corneal Ulcer : CK(3) : AC(1) , Wound Healing : CK(539) : AC(161)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613)

OP-Gel-Aloe treated wounds exhibited very rapid healing with 80% of the wound healing in just 8 days.

Pubmed Data : Int J Biol Macromol. 2015 Oct 31. Epub 2015 Oct 31. PMID: [26529192](#)

Article Published Date : Oct 30, 2015

Authors : Mythili Tummalapalli, Morgane Berthet, Bernard Verrier, B L Deopura, M S Alam, Bhuvanesh Gupta

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Curcumin : CK(4134) : AC(2174) , Pectin : CK(66) : AC(9)

Diseases : Wound Healing : CK(539) : AC(161)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antimicrobial : CK(292) : AC(127)

The present study confirmed that increased wound healing occurs following treatment with aloe emodin.

Pubmed Data : Mol Med Rep. 2015 Dec 11. Epub 2015 Dec 11. PMID: [26677006](#)

Article Published Date : Dec 10, 2015

Authors : Li-Xin Lin, Peng Wang, Yu-Ting Wang, Yong Huang, Lei Jiang, Xue-Ming Wang

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Grape](#) : CK(1720) : AC(430)

Diseases : [Wound Healing](#) : CK(539) : AC(161)

Wrinkles (AC 1) (CK 10)

Aloe gel significantly improves wrinkles and elasticity in photoaged human skin.

Pubmed Data : Ann Dermatol. 2009 Feb;21(1):6-11. Epub 2009 Feb 28. PMID: [20548848](#)

Article Published Date : Feb 01, 2009

Authors : Soyun Cho, Serah Lee, Min-Jung Lee, Dong Hun Lee, Chong-Hyun Won, Sang Min Kim, Jin Ho Chung

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Aging Skin](#) : CK(426) : AC(101) , [Skin Diseases: Photo-Aging](#) : CK(122) : AC(50) , [Wrinkles](#) : CK(10) : AC(1)

Pharmacological Actions : [Matrix metalloproteinase-1 \(MMP-1\) inhibitor](#) : CK(32) : AC(16)

Category : Pharmacological Actions

Analgesics (AC 1) (CK 10)

Improvement in all the parameters was seen with the individuals receiving Aloe vera gel in comparison to antioxidants.

Pubmed Data : J Contemp Dent Pract. 2016 ;17(1):78-84. Epub 2016 Jan 1. PMID: [27084867](#)

Article Published Date : Dec 31, 2015

Authors : Nisha Singh, Manjula Hebbale, Amit Mhapuskar, Shams Ul Nisa, Shameeka Thopte, Saumya Singh

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Oral Submucous Fibrosis : CK(43) : AC(7)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43)

Pharmacological Actions : Analgesics : CK(1315) : AC(215)

Anti-Bacterial Agents (AC 6) (CK 19)

A hydroalcoholic extract of A. vera showed the highest zone of inhibition against E. faecalis.

Pubmed Data : J Indian Soc Pedod Prev Dent. 2015 Oct-Dec;33(4):274-8. PMID: [26381627](#)

Article Published Date : Sep 30, 2015

Authors : Swati Ramesh Karkare, Nivedita Pramod Ahire, Smita Uday Khedkar

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Garlic : CK(712) : AC(225)

Diseases : Enterococcus Infections : CK(16) : AC(12)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Antimicrobial : CK(292) : AC(127)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe has anti-bacterial activity against Escherichia coli and Staphylococcus aureus.

Pubmed Data : Cochrane Database Syst Rev. 2002(2):CD001480. PMID: [20085127](#)

Article Published Date : Jan 01, 2002

Authors : S R Shilpakala, J Prathiba, R Malathi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Escherichia coli Infections : CK(152) : AC(90), Staphylococcus aureus infection : CK(152) : AC(108)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474)

Aloe vera gel at optimum concentration could be used as an antiseptic for prevention of dental caries and periodontal diseases.

Pubmed Data : J Oral Sci. 2012 ;54(1):15-21. PMID: [22466882](#)

Article Published Date : Jan 01, 2012

Authors : Mohammadmehdi Fani, Jamshid Kohanteb

Study Type : Human In Vitro

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Dental Caries : CK(412) : AC(59), Periodontal Diseases : CK(257) : AC(64)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474)

Aloe vera may prove an effective mouthwash due to its ability in reducing dental plaque.

Pubmed Data : Ethiop J Health Sci. 2014 Apr ;24(2):139-44. PMID: [24795515](#)

Article Published Date : Mar 31, 2014

Authors : Rajendra Kumar Gupta, Devanand Gupta, Dara John Bhaskar, Ankit Yadav, Khursheed

Obaid, Sumit Mishra

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Dental Plaque : CK(202) : AC(22)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4615) : AC(1613), Antifungal Agents : CK(234) : AC(146), Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Chemical: Chlorhexidine : CK(10) : AC(1), Mouthwash : CK(102) : AC(12), Natural Substances Versus Drugs : CK(1694) : AC(300)

Shigella flexneri and Stretpococcus pyogenes are susceptible to aloe.

Pubmed Data : Antimicrob Agents Chemother. 2003 Mar;47(3):1137-9. PMID: [12604556](#)

Article Published Date : Mar 01, 2003

Authors : Valerie A Ferro, Fiona Bradbury, Pamela Cameron, Eisin Shakir, Sabita R Rahman, William H Stimson

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Streptococcus pyogenes : CK(29) : AC(18)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474)

Anti-Inflammatory Agents (AC 11) (CK 35)

A honey, milk, and Aloe vera ointment has multiple healing effects on burn wounds in rats.

Pubmed Data : Int J Low Extrem Wounds. 2016 May 23. Epub 2016 May 23. PMID: [27217089](#)

Article Published Date : May 22, 2016

Authors : Parviz Farzadinia, Niloofar Jofreh, Saeed Khatamsaz, Ali Movahed, Samad Akbarzadeh, Mostafa Mohammadi, Afshar Bargahi

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Cow Milk : CK(20) : AC(3), Honey : CK(504) : AC(103)

Diseases : Burns : CK(79) : AC(30), Wound Healing : CK(539) : AC(161)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe vera has a potent effect in promoting corneal wound healing through facilitating re-epithilaization and reduction in inflammation in diabetic rats.

Pubmed Data : Clin Ophthalmol. 2015 ;9:2019-26. Epub 2015 Oct 28. PMID: [26604672](#)

Article Published Date : Dec 31, 2014

Authors : Ayman Atiba, Tamer Wasfy, Walied Abdo, Ahmed Ghoneim, Tarek Kamal, Mustafa Shukry

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Burns : CK(79) : AC(30), Corneal Ulcer : CK(3) : AC(1), Wound Healing : CK(539) : AC(161)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613)

Aloe vera is an effective neuroprotective against sciatic nerve ischemia/reperfusion injury and was found to be as effective as methylprednisolone.

Pubmed Data : Biomed Pharmacother. 2016 Apr ;79:201-7. Epub 2016 Mar 10. PMID: [27044829](#)

Article Published Date : Mar 31, 2016

Authors : Mustafa Guven, Umut Hatay Gölge, Esra Aslan, Muserref Hilal Sehitoglu, Adem Bozkurt Aras, Tarik Akman, Murat Cosar

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Ischemia : CK(71) : AC(35), Sciatica : CK(88) : AC(15)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), Antioxidants : CK(7261) : AC(2659), Neuroprotective Agents : CK(2254) : AC(1063)

Additional Keywords : Natural Substances Versus Drugs : CK(1694) : AC(300)

Aloe vera may prove an effective mouthwash due to its ability in reducing dental plaque.

Pubmed Data : Ethiop J Health Sci. 2014 Apr ;24(2):139-44. PMID: [24795515](#)

Article Published Date : Mar 31, 2014

Authors : Rajendra Kumar Gupta, Devanand Gupta, Dara John Bhaskar, Ankit Yadav, Khursheed Obaid, Sumit Mishra

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Dental Plaque : CK(202) : AC(22)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4615) : AC(1613), Antifungal Agents : CK(234) : AC(146), Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Chemical: Chlorhexidine : CK(10) : AC(1), Mouthwash : CK(102) : AC(12), Natural Substances Versus Drugs : CK(1694) : AC(300)

Aloe vera mouthwash was as beneficial as benzydamine mouthwash in alleviating the severity of radiation-induced mucositis.

Pubmed Data : Oral Health Prev Dent. 2015 ;13(4):309-15. PMID: [25431805](#)

Article Published Date : Dec 31, 2014

Authors : Mahnaz Sahebamee, Arash Mansourian, Mohammad Haji Mirza Mohammad, Mohsen Taghi Zadeh, Reza Bekhradi, Ali Kazemian, Soheila Manifar, Sajjad Ashnagar, Kiavash Doroudgar

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Head and Neck Cancer : CK(162) : AC(42), Radiation Induced Illness: Mucositis : CK(28) : AC(6)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604)

Additional Keywords : Natural Substances Versus Drugs : CK(1694) : AC(300), Plant Extracts : CK(7438) : AC(2449)

HIPER Health Supplement has a potent ability to decrease NF-κB and MAP kinase activation, and therefore inflammatory gene expression

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:260530. Epub 2015 Nov 17.
PMID: [26664450](#)

Article Published Date : Dec 31, 2014

Authors : Kristine C Y McGrath, Xiao-Hong Li, Lucinda S McRobb, Alison K Heather

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103), Papaya : CK(105) : AC(45), Pine Bark Extract : CK(567) : AC(96)

Diseases : Endothelial Dysfunction : CK(1176) : AC(232), Inflammation : CK(2900) : AC(850), Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Lactobacillus plantarum LP625 alone or supplemented with herbs seems to protect against diet induced obesity.

Pubmed Data : Benef Microbes. 2016 Mar 1:1-12. Epub 2016 Mar 1. PMID: [26925603](#)

Article Published Date : Feb 29, 2016

Authors : R Pothuraju, R K Sharma, P Kumar Kavadi, J Chagalamarri, S Jangra, G Bhakri, S De

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Gymnema Sylvestre : CK(38) : AC(16), Lactobacillus plantarum : CK(130) : AC(28), Probiotics : CK(2852) : AC(361)

Diseases : Obesity : CK(2203) : AC(463)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Interleukin-6 Downregulation : CK(1078) : AC(337), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Additional Keywords : Anti-Obesity Agents : CK(484) : AC(106)

OP-Gel-Aloe treated wounds exhibited very rapid healing with 80% of the wound healing in just 8 days.

Pubmed Data : Int J Biol Macromol. 2015 Oct 31. Epub 2015 Oct 31. PMID: [26529192](#)

Article Published Date : Oct 30, 2015

Authors : Mythili Tummalapalli, Morgane Berthet, Bernard Verrier, B L Deopura, M S Alam, Bhuvanesh Gupta

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Curcumin : CK(4134) : AC(2174), Pectin : CK(66) : AC(9)

Diseases : Wound Healing : CK(539) : AC(161)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Antimicrobial : CK(292) : AC(127)

This reviews the favorable results from the use of herbal and plant products in inflammatory bowel disease.

Pubmed Data : Ann Gastroenterol. 2016 Jul-Sep;29(3):268-81. Epub 2016 Feb 20. PMID: [27366027](#)

Article Published Date : Jun 30, 2016

Authors : John K Triantafyllidis, Aikaterini Triantafyllidi, Constantinos Vagianos, Apostolos Papalois

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Artemisinin : CK(25) : AC(20) , Curcumin : CK(4134) : AC(2174) , Frankincense : CK(180) : AC(30) , Green Tea : CK(1957) : AC(558) , Lemongrass : CK(14) : AC(5) , Panax Notoginseng : CK(42) : AC(9) , Wormwood : CK(59) : AC(19)

Diseases : Crohn's Disease : CK(152) : AC(29) , Inflammatory Bowel Diseases : CK(990) : AC(187) , Ulcerative Colitis : CK(294) : AC(58)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Vitamin E and Aloe vera helped decrease inflammatory responses and healing of the lesions induced on the tongue of rats subjected to radiation.

Pubmed Data : Support Care Cancer. 2015 Dec 23. Epub 2015 Dec 23. PMID: [26698599](#)

Article Published Date : Dec 22, 2015

Authors : Letícia de Freitas Cuba, Aroldo Braga Filho, Karen Cherubini, Fernanda Gonçalves Salum, Maria Antonia Zancanaro de Figueiredo

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Vitamin E : CK(1656) : AC(290)

Diseases : Inflammation : CK(2900) : AC(850) , Radiation Induced Illness: Mucositis : CK(28) : AC(6) , Radiotherapy : CK(45) : AC(2)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Radioprotective : CK(756) : AC(262)

Anti-Tumor (AC 1) (CK 1)

Supercritical extracts of aloe vera exhibit antitumor properties and modulate antioxidant enzymes.

Pubmed Data : Curr Med Chem. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19941474](#)

Article Published Date : Nov 24, 2009

Authors : H A El-Shemy, M A M Aboul-Soud, A A Nassr-Allah, K M Aboul-Enein, A Kabash, A Yagi

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Acute lymphoblastic leukemia (ALL) : CK(130) : AC(39) , Colon Cancer : CK(746) : AC(428) , Leukemia: Acute myelogenous leukemia (AML) : CK(111) : AC(34), Tumors : CK(203) : AC(119)

Pharmacological Actions : Anti-Tumor : CK(136) : AC(72)

Additional Keywords : Selective Cytotoxicity : CK(158) : AC(112)

Anti-metastatic (AC 1) (CK 1)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071), Photosensitizing Agents : CK(1) : AC(1)

Anticarcinogenic Agents (AC 3) (CK 14)

Aloe vera and honey treatment affect the tumor and host by different mechanisms by modulated host wasting and

cachexia, while promoting oxidative stress and damage in tumor tissues.

Pubmed Data : J Med Food. 2015 Apr 9. Epub 2015 Apr 9. PMID: [25856497](#)

Article Published Date : Apr 08, 2015

Authors : Rebeka Tomasin, Rafael Siqueira de Andrade, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Cachexia : CK(77) : AC(25), Cancers: All : CK(14469) : AC(4575) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659), Immunomodulatory : CK(1285) : AC(356)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Spirulina appears to be more promising when compared to aloe vera for the treatment of Oral submucous fibrosis (OSMF).

Pubmed Data : J Oral Biol Craniofac Res. 2015 Jan-Apr;5(1):11-5. Epub 2015 Jan 22. PMID: [25853042](#)

Article Published Date : Dec 31, 2014

Authors : Santosh Patil, Bader Kureyem Al-Zarea, Sneha Maheshwari, Rohit Sahu

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Spirulina : CK(266) : AC(73)

Diseases : Leukoplakia : CK(72) : AC(9) , Oral Cancer: Prevention : CK(59) : AC(11)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659)

These results suggest that both aloe vera gel and powder may have chemopreventive effects on colorectal carcinogenesis under the high fat diets.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(2):683-7. PMID: [25684508](#)

Article Published Date : Dec 31, 2014

Authors : Takeshi Chihara, Kan Shimpo, Takaaki Kaneko, Hidehiko Beppu, Takashi Higashiguchi, Shigeru Sonoda, Miyuki Tanaka, Muneo Yamada, Fumiaki Abe

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Colorectal Cancer: Prevention : CK(207) : AC(36)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Chemopreventive :

Antifungal Agents (AC 1) (CK 10)

Aloe vera may prove an effective mouthwash due to its ability in reducing dental plaque.

Pubmed Data : Ethiop J Health Sci. 2014 Apr ;24(2):139-44. PMID: [24795515](#)

Article Published Date : Mar 31, 2014

Authors : Rajendra Kumar Gupta, Devanand Gupta, Dara John Bhaskar, Ankit Yadav, Khursheed Obaid, Sumit Mishra

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Dental Plaque : CK(202) : AC(22)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Anti-Inflammatory Agents : CK(4615) : AC(1613), Antifungal Agents : CK(234) : AC(146) , Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Chemical: Chlorhexidine : CK(10) : AC(1) , Mouthwash : CK(102) : AC(12) , Natural Substances Versus Drugs : CK(1694) : AC(300)

Antimicrobial (AC 3) (CK 8)

A hydroalcoholic extract of A. vera showed the highest zone of inhibition against E. faecalis.

Pubmed Data : J Indian Soc Pedod Prev Dent. 2015 Oct-Dec;33(4):274-8. PMID: [26381627](#)

Article Published Date : Sep 30, 2015

Authors : Swati Ramesh Karkare, Nivedita Pramod Ahire, Smita Uday Khedkar

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Garlic : CK(712) : AC(225)

Diseases : Enterococcus Infections : CK(16) : AC(12)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Antimicrobial : CK(292) : AC(127)

A. vera gel could be active against P. aeruginosa in wound infections at various concentrations.

Pubmed Data : Chemother Res Pract. 2015 ;2015:639806. Epub 2015 Jul 22. PMID: [26266047](#)

Article Published Date : Dec 31, 2014

Authors : Mehdi Goudarzi, Maryam Fazeli, Mehdi Azad, Sima Sadat Seyedjavadi, Reza Mousavi

Study Type : Human In Vitro

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Pseudomonas aeruginosa](#) : CK(107) : AC(65)

Pharmacological Actions : [Antimicrobial](#) : CK(292) : AC(127)

Additional Keywords : [Multidrug Resistance](#) : CK(6) : AC(4)

OP-Gel-Aloe treated wounds exhibited very rapid healing with 80% of the wound healing in just 8 days.

Pubmed Data : Int J Biol Macromol. 2015 Oct 31. Epub 2015 Oct 31. PMID: [26529192](#)

Article Published Date : Oct 30, 2015

Authors : Mythili Tummalapalli, Morgane Berthet, Bernard Verrier, B L Deopura, M S Alam, Bhuvanesh Gupta

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Curcumin](#) : CK(4134) : AC(2174) , [Pectin](#) : CK(66) : AC(9)

Diseases : [Wound Healing](#) : CK(539) : AC(161)

Pharmacological Actions : [Anti-Inflammatory Agents](#) : CK(4578) : AC(1604) , [Antimicrobial](#) : CK(292) : AC(127)

Antineoplastic Agents (AC 3) (CK 3)

Aloe emodin may decrease the anticancer activity of the chemo-agent cisplatin.

Pubmed Data : Cell Mol Life Sci. 2005 Jun ;62(11):1275-82. PMID: [15905960](#)

Article Published Date : Jun 01, 2005

Authors : S Mijatovic, D Maksimovic-Ivanic, J Radovic, D Miljkovic, G N Kaludjerovic, T J Sabo, V Trajkovic

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Emodin : CK(43) : AC(27)

Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(319) : AC(133)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071), Enzyme Inhibitors : CK(463) : AC(250)

Problem Substances : Cisplatin : CK(30) : AC(7)

Aloe-emodin may have therapeutic activity in skin cancer.

Pubmed Data : Chem Res Toxicol. 2009 Dec;22(12):2017-28. PMID: [19928967](#)

Article Published Date : Dec 01, 2009

Authors : Tzung-Han Chou, Chia-Hua Liang

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Skin Cancer : CK(652) : AC(264) , Skin Cancer: Squamous Cell : CK(56) : AC(20)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647) , Tumor Suppressor Protein p53 Upregulation : CK(293) : AC(202)

Additional Keywords : Drug: 5-flourouracil : CK(108) : AC(29) , Selective Cytotoxicity : CK(158) : AC(112)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiul Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Antiproliferative : CK(2471) : AC(1680), Chemopreventive : CK(2829) : AC(783) , Chemotherapeutic : CK(397) : AC(152) , Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

A functional beverage of mangosteen, aloe vera, green tea, and multivitamins enhances plasma antioxidant capacity in healthy adults.

Pubmed Data : Food Sci Nutr. 2015 Jan ;3(1):32-8. Epub 2014 Dec 12. PMID: [25649891](#)

Article Published Date : Dec 31, 2014

Authors : Zhuohong Xie, Marsha Sintara, Tony Chang, Boxin Ou

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Green Tea : CK(1957) : AC(558) , Mangosteen : CK(90) : AC(36) , Riboflavin (Vitamin B-2) : CK(120) : AC(19) , Vitamin B-5 (Pantothenic Acid) : CK(52) : AC(9)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659) , Nrf2 activation : CK(175) : AC(85)

Additional Keywords : Natural Substance Synergy : CK(535) : AC(245)

Aloe vera and honey treatment affect the tumor and host by different mechanisms by modulated host wasting and cachexia, while promoting oxidative stress and damage in tumor tissues.

Pubmed Data : J Med Food. 2015 Apr 9. Epub 2015 Apr 9. PMID: [25856497](#)

Article Published Date : Apr 08, 2015

Authors : Rebeka Tomasin, Rafael Siqueira de Andrade, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Cachexia : CK(77) : AC(25) , Cancers: All : CK(14469) : AC(4575) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659) , Immunomodulatory : CK(1285) : AC(356)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Aloe vera and ubiqinol have a protective and healing effect on experimental ulcerative colitis in rats.

Pubmed Data : Lancet. 2001 Dec 15;358(9298):2026-33. PMID: [14695941](#)

Article Published Date : Dec 15, 2001

Authors : Ludmila Korkina, Maxim Suprun, Anna Petrova, Elena Mikhal'chik, Antonio Luci, Chiara De Luca

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Ubiquinol : CK(138) : AC(24)

Diseases : Ulcerative Colitis : CK(294) : AC(58)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659)

Aloe vera is an effective neuroprotective against sciatic nerve ischemia/reperfusion injury and was found to be as effective as methylprednisolone.

Pubmed Data : Biomed Pharmacother. 2016 Apr ;79:201-7. Epub 2016 Mar 10. PMID: [27044829](#)

Article Published Date : Mar 31, 2016

Authors : Mustafa Guven, Umut Hatay Gölge, Esra Aslan, Muserref Hilal Sehitoglu, Adem Bozkurt Aras, Tarik Akman, Murat Cosar

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Ischemia : CK(71) : AC(35) , Sciatica : CK(88) : AC(15)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Antioxidants : CK(7261) : AC(2659) , Neuroprotective Agents : CK(2254) : AC(1063)

Additional Keywords : Natural Substances Versus Drugs : CK(1694) : AC(300)

Aloe vera may prove an effective mouthwash due to its ability in reducing dental plaque.

Pubmed Data : Ethiop J Health Sci. 2014 Apr ;24(2):139-44. PMID: [24795515](#)

Article Published Date : Mar 31, 2014

Authors : Rajendra Kumar Gupta, Devanand Gupta, Dara John Bhaskar, Ankit Yadav, Khursheed Obaid, Sumit Mishra

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Dental Plaque : CK(202) : AC(22)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474) , Anti-Inflammatory Agents : CK(4615) : AC(1613) , Antifungal Agents : CK(234) : AC(146) , Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Chemical: Chlorhexidine : CK(10) : AC(1) , Mouthwash : CK(102) : AC(12) , Natural Substances Versus Drugs : CK(1694) : AC(300)

Aloe vera, turmeric and holy basil suppress the adverse effects associated with maternal fluoride exposure.

Pubmed Data : Indian J Exp Biol. 2010 Aug;48(8):830-6. PMID: [21341542](#)

Article Published Date : Aug 01, 2010

Authors : N Madhusudhan, P Mahaboob Basha, Puja Rai, Fiyaz Ahmed, G Ravi Prasad

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Holy Basil : CK(111) : AC(44) , Turmeric : CK(4968) : AC(2348)

Diseases : Fluoride Toxicity : CK(186) : AC(62), Lipid Peroxidation : CK(693) : AC(253), Oxidative Stress : CK(3836) : AC(1369), Prenatal Chemical Exposures : CK(457) : AC(112)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659)

Spirulina appears to be more promising when compared to aloe vera for the treatment of Oral submucous fibrosis (OSMF).

Pubmed Data : J Oral Biol Craniofac Res. 2015 Jan-Apr;5(1):11-5. Epub 2015 Jan 22. PMID: [25853042](#)

Article Published Date : Dec 31, 2014

Authors : Santosh Patil, Bader Kureyem Al-Zarea, Sneha Maheshwari, Rohit Sahu

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Spirulina : CK(266) : AC(73)

Diseases : Leukoplakia : CK(72) : AC(9), Oral Cancer: Prevention : CK(59) : AC(11)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659)

This reviews the favorable results from the use of herbal and plant products in inflammatory bowel disease.

Pubmed Data : Ann Gastroenterol. 2016 Jul-Sep;29(3):268-81. Epub 2016 Feb 20. PMID: [27366027](#)

Article Published Date : Jun 30, 2016

Authors : John K Triantafyllidis, Aikaterini Triantafyllidi, Constantinos Vagianos, Apostolos Papalois

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Artemisinin : CK(25) : AC(20) , Curcumin : CK(4134) : AC(2174), Frankincense : CK(180) : AC(30), Green Tea : CK(1957) : AC(558), Lemongrass : CK(14) : AC(5), Panax Notoginseng : CK(42) : AC(9) , Wormwood : CK(59) : AC(19)

Diseases : Crohn's Disease : CK(152) : AC(29) , Inflammatory Bowel Diseases : CK(990) : AC(187), Ulcerative Colitis : CK(294) : AC(58)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Antioxidants : CK(7261) : AC(2659)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Antinroliferative (AC 5) (CK 6)

Aloe vera protein extract suppresses human IMR-32 neuroblastoma cell proliferation, possibly by suppressing CCND2 transcript levels in vitro.

Pubmed Data : Anticancer Res. 2015 Aug ;35(8):4479-85. PMID: [26168490](#)

Article Published Date : Jul 31, 2015

Authors : Akane Yonehara, Yuka Tanaka, Kasem Kulkeaw, Takumi Era, Yoichi Nakanishi, Daisuke Sugiyama

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Neuroblastoma : CK(85) : AC(52)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680)

Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Aloe-emodin exhibits anti-tumor properties against melanoma cells.

Pubmed Data : Life Sci. 2010 Aug 28;87(9-10):316-24. Epub 2010 Jul 16. PMID: [20624404](#)

Article Published Date : Aug 28, 2010

Authors : Claudio Tabolacci, Alessandro Lentini, Palma Mattioli, Bruno Provenzano, Serafina Oliverio, Fabrizio Carlomosti, Simone Beninati

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Melanoma : CK(282) : AC(146)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680)

Oral administration of Aloe vera and honey inhibits cancer in rats.

Pubmed Data : Phytother Res. 2010 Sep 13. Epub 2010 Sep 13. PMID: [20839215](#)

Article Published Date : Sep 13, 2010

Authors : Rebeka Tomasin, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Breast Cancer: Metastatic : CK(123) : AC(52) , Cancers: All : CK(14469) : AC(4575)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410) , Antiproliferative : CK(2471) : AC(1680) , Apoptotic : CK(2952) : AC(2071) , Photosensitizing Agents : CK(1) : AC(1)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiul Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Antiproliferative : CK(2471) : AC(1680) , Chemopreventive : CK(2829) : AC(783) , Chemotherapeutic : CK(397) : AC(152) , Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

Antiviral Agents (AC 1) (CK 1)

Aloe vera gel can be a useful topical treatment for oral HSV-1 infections.

Pubmed Data : J Dent (Shiraz). 2016 Mar ;17(1):49-54. PMID: [26966709](#)

Article Published Date : Feb 29, 2016

Authors : Fahimeh Rezazadeh, Maryam Moshaverinia, Mohammad Motamedifar, Montazer Alyaseri

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Herpes Simplex Virus Type 1](#) : CK(74) : AC(32)

Pharmacological Actions : [Antiviral Agents](#) : CK(936) : AC(432)

Apoptotic (AC 7) (CK 8)

Aloe emodin and photodynamic therapy induced autophagy and apoptosis of human osteosarcoma cell line MG-63.

Pubmed Data : Oncol Rep. 2016 Mar 24. Epub 2016 Mar 24. PMID: [27035222](#)

Article Published Date : Mar 23, 2016

Authors : Pinghua Tu, Qiu Huang, Yunsheng Ou, Xing Du, Kaiting Li, Yong Tao, Hang Yin

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Emodin](#) : CK(43) : AC(27)

Diseases : [Osteosarcoma](#) : CK(133) : AC(69)

Therapeutic Actions : [Integrative Medicine](#) : CK(292) : AC(43) , [Photodynamic therapy](#) : CK(81) : AC(23)

Pharmacological Actions : [Apoptotic](#) : CK(2952) : AC(2071) , [Autophagy Up-regulation](#) : CK(108) : AC(65)

Aloe emodin may decrease the anticancer activity of the chemo-agent cisplatin.

Pubmed Data : Cell Mol Life Sci. 2005 Jun ;62(11):1275-82. PMID: [15905960](#)

Article Published Date : Jun 01, 2005

Authors : S Mijatovic, D Maksimovic-Ivanic, J Radovic, D Miljkovic, G N Kaludjerovic, T J Sabo, V Trajkovic

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Emodin](#) : CK(43) : AC(27)

Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(319) : AC(133)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071), Enzyme Inhibitors : CK(463) : AC(250)

Problem Substances : Cisplatin : CK(30) : AC(7)

Aloe-emodin induces cell death in human tongue squamous cancer SCC-4 cells.

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4503-11. PMID: [20032398](#)

Article Published Date : Nov 01, 2009

Authors : Tsan-Hung Chiu, Wan-Wen Lai, Te-Chun Hsia, Jai-Sing Yang, Tung-Yuan Lai, Ping-Ping Wu, Chia-Yu Ma, Chin-Chung Yeh, Chin-Chin Ho, Hsu-Feng Lu, W Gibson Wood, Jing-Gung Chung

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Emodin : CK(43) : AC(27)

Diseases : Tongue Cancer : CK(40) : AC(18)

Pharmacological Actions : Apoptotic : CK(2952) : AC(2071), Cell cycle arrest : CK(808) : AC(610)

Aloe-emodin induces programmed cell death in human nasopharyngeal carcinoma cells.

Pubmed Data : Cancer Lett. 2009 Nov 24. Epub 2009 Nov 24. PMID: [19942342](#)

Article Published Date : Nov 24, 2009

Authors : Meng-Liang Lin, Yao-Cheng Lu, Jing-Gung Chung, Yi-Chen Li, Shyang-Guang Wang, Sue-Hwee N G, Chia-Yin Wu, Hong-Lin Su, Shih-Shun Chen

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Nasopharyngeal Cancer : CK(73) : AC(31)

Pharmacological Actions : Apoptotic : CK(2952) : AC(2071)

Aloe-emodin may have therapeutic activity in skin cancer.

Pubmed Data : Chem Res Toxicol. 2009 Dec;22(12):2017-28. PMID: [19928967](#)

Article Published Date : Dec 01, 2009

Authors : Tzung-Han Chou, Chia-Hua Liang

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Skin Cancer : CK(652) : AC(264), Skin Cancer: Squamous Cell : CK(56) : AC(20)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647) , Tumor Suppressor Protein p53 Upregulation : CK(293) : AC(202)

Additional Keywords : Drug: 5-flourouracil : CK(108) : AC(29) , Selective Cytotoxicity : CK(158) :

Oral administration of Aloe vera and honey inhibits cancer in rats.

Pubmed Data : Phytother Res. 2010 Sep 13. Epub 2010 Sep 13. PMID: [20839215](#)

Article Published Date : Sep 13, 2010

Authors : Rebeka Tomasin, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Breast Cancer: Metastatic : CK(123) : AC(52) , Cancers: All : CK(14469) : AC(4575)

Pharmacological Actions : Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410), Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071), Photosensitizing Agents : CK(1) : AC(1)

Autophagy Up-regulation (AC 2) (CK 2)

Aloe emodin and photodynamic therapy induced autophagy and apoptosis of human osteosarcoma cell line MG-63.

Pubmed Data : Oncol Rep. 2016 Mar 24. Epub 2016 Mar 24. PMID: [27035222](#)

Article Published Date : Mar 23, 2016

Authors : Pinghua Tu, Qiu Huang, Yunsheng Ou, Xing Du, Kaiting Li, Yong Tao, Hang Yin

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Emodin](#) : CK(43) : AC(27)

Diseases : [Osteosarcoma](#) : CK(133) : AC(69)

Therapeutic Actions : [Integrative Medicine](#) : CK(292) : AC(43) , [Photodynamic therapy](#) : CK(81) : AC(23)

Pharmacological Actions : [Apoptotic](#) : CK(2952) : AC(2071) , [Autophagy Up-regulation](#) : CK(108) : AC(65)

Aloe polysaccharide induces autophagy in pancreatic carcinoma BxPC-3 cells both alone and in concert with radiation.

Pubmed Data : Pak J Pharm Sci. 2016 Jul ;29(4):1123-6. PMID: [27393447](#)

Article Published Date : Jun 30, 2016

Authors : Chunjin Xu, Feng Xu

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Pancreatic Cancer](#) : CK(887) : AC(259)

Pharmacological Actions : [Autophagy Up-regulation](#) : CK(108) : AC(65) , [MicroRNA modulator](#) : CK(260) : AC(142) , [Radiosensitizer](#) : CK(99) : AC(62)

Additional Keywords : [Radiosensitizer](#) : CK(99) : AC(62)

Cell cycle arrest (AC 1) (CK 1)

Aloe-emodin induces cell death in human tongue squamous cancer SCC-4 cells.

Pubmed Data : Anticancer Res. 2009 Nov;29(11):4503-11. PMID: [20032398](#)

Article Published Date : Nov 01, 2009

Authors : Tsan-Hung Chiu, Wan-Wen Lai, Te-Chun Hsia, Jai-Sing Yang, Tung-Yuan Lai, Ping-Ping Wu, Chia-Yu Ma, Chin-Chung Yeh, Chin-Chin Ho, Hsu-Feng Lu, W Gibson Wood, Jing-Gung Chung

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74) , [Emodin](#) : CK(43) : AC(27)

Diseases : [Tongue Cancer](#) : CK(40) : AC(18)

Pharmacological Actions : Apoptotic : CK(2952) : AC(2071), Cell cycle arrest : CK(808) : AC(610)

Chemopreventive (AC 2) (CK 3)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiul Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056), Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639), Antiproliferative : CK(2471) : AC(1680), Chemopreventive : CK(2829) : AC(783), Chemotherapeutic : CK(397) : AC(152), Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

These results suggest that both aloe vera gel and powder may have chemopreventive effects on colorectal carcinogenesis under the high fat diets.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(2):683-7. PMID: [25684508](#)

Article Published Date : Dec 31, 2014

Authors : Takeshi Chihara, Kan Shimpo, Takaaki Kaneko, Hidehiko Beppu, Takashi Higashiguchi, Shigeru Sonoda, Miyuki Tanaka, Muneo Yamada, Fumiaki Abe

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Colorectal Cancer: Prevention : CK(207) : AC(36)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517), Chemopreventive : CK(2829) : AC(783)

Chemoprotective Agents (AC 1) (CK 10)

Aloe vera mouthwash significantly reduced the intensity of stomatitis and its pain in the intervention group.

Pubmed Data : Int J Community Based Nurs Midwifery. 2016 Apr ;4(2):119-26. PMID: [27218109](#)

Article Published Date : Mar 31, 2016

Authors : Parisa Mansouri, Maryam Haghghi, Noushin Beheshtipour, Mani Ramzi

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Stomatitis: Chemotherapy-Induced : CK(10) : AC(1)

Pharmacological Actions : Chemoprotective Agents : CK(356) : AC(146)

Chemotherapeutic (AC 1) (CK 1)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiu Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Antiproliferative : CK(2471) : AC(1680), Chemopreventive : CK(2829) : AC(783) , Chemotherapeutic : CK(397) : AC(152) , Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

Cyclin D1 Down-Regulation (AC 1) (CK 1)

These results signify that Aloe vera may be an effective anti-neoplastic agent to inhibit cancer cell growth and increase the therapeutic efficacy of conventional drugs like cisplatin.

Pubmed Data : Asian Pac J Cancer Prev. 2015 ;16(7):2939-46. PMID: [25854386](#)

Article Published Date : Dec 31, 2014

Authors : Arif Hussain, Chhavi Sharma, Saniyah Khan, Kruti Shah, Shafiul Haque

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cervical Cancer : CK(343) : AC(143)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Antiproliferative : CK(2471) : AC(1680), Chemopreventive : CK(2829) : AC(783) , Chemotherapeutic : CK(397) : AC(152) , Cyclin D1 Down-Regulation : CK(41) : AC(27)

Additional Keywords : Chemotherapeutic Synergy: Cisplatin : CK(79) : AC(56)

Dermatologic Agents (AC 1) (CK 2)

A. ferox and A. vera gels applied topically are a safe and useful alternative to antihistamines and topical corticosteroids for the treatment of recurring chronic atopic dermatitis.

Pubmed Data : Inflammopharmacology. 2015 Oct 28. Epub 2015 Oct 28. PMID: [26510768](#)

Article Published Date : Oct 27, 2015

Authors : M J Finberg, G L Muntingh, C E J van Rensburg

Study Type : Animal Study

Additional Links

Substances : Aloe Ferox : CK(2) : AC(1) , Aloe Vera : CK(339) : AC(74)

Diseases : Atopic Dermatitis : CK(1134) : AC(117)

Pharmacological Actions : Dermatologic Agents : CK(240) : AC(28)

Enzyme Inhibitors (AC 1) (CK 1)

Aloe emodin may decrease the anticancer activity of the chemo-agent cisplatin.

Pubmed Data : Cell Mol Life Sci. 2005 Jun ;62(11):1275-82. PMID: [15905960](#)

Article Published Date : Jun 01, 2005

Authors : S Mijatovic, D Maksimovic-Ivanic, J Radovic, D Miljkovic, G N Kaludjerovic, T J Sabo, V Trajkovic

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74) , Emodin : CK(43) : AC(27)

Diseases : Chemotherapy-Induced Toxicity: Cisplatin : CK(319) : AC(133)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639) , Apoptotic : CK(2952) : AC(2071), Enzyme Inhibitors : CK(463) : AC(250)

Problem Substances : Cisplatin : CK(30) : AC(7)

Gastrointestinal Agents (AC 1) (CK 10)

VH200® seems to be a promising treatment option for patients with IBS owing to the positive results seen within the secondary endpoints.

Pubmed Data : J Gastrointestin Liver Dis. 2015 Sep ;24(3):275-80. PMID: [26405698](#)

Article Published Date : Aug 31, 2015

Authors : Stine Størsrud, Irina Pontén, Magnus Simrén

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Irritable Bowel Syndrome : CK(709) : AC(91)

Pharmacological Actions : Gastrointestinal Agents : CK(266) : AC(40)

Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Gluconeogenesis Inhibitor (AC 1) (CK 2)

A plant mixture comprising Nigella sativa, Myrrh, Gum Olibanum (Frankincense), Gum Asafoetida and Aloe lowers blood sugar by inhibiting hepatic gluconeogenesis.

Pubmed Data : Diabetes Res. 1991 Dec;18(4):163-8. PMID: [1842751](#)

Article Published Date : Dec 01, 1991

Authors : F al-Awadi, H Fatania, U Shamte

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Asafoetida : CK(8) : AC(5), Frankincense : CK(180) : AC(30), Myrrh : CK(47) : AC(18), Nigella sativa (aka Black Seed) : CK(357) : AC(99)

Diseases : Diabetes Mellitus: Type 2 : CK(3384) : AC(595)

Pharmacological Actions : Gluconeogenesis Inhibitor : CK(19) : AC(14)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Hepatoprotective (AC 2) (CK 4)

Aloe has a protective effect against petroleum product hepatotoxicity and genotoxicity in mice.

Pubmed Data : Food Chem Toxicol. 2009 Oct;47(10):2454-7. Epub 2009 Jul 5. PMID: [19583991](#)

Article Published Date : Oct 01, 2009

Authors : Michael A Gbadegesin, Oyeronke A Odunola, Kazeem A Akinwumi, Olabode O Osifeso

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [DNA damage](#) : CK(990) : AC(380) , [Petroleum Exposure And Toxicity](#) : CK(51) : AC(19)

Pharmacological Actions : [Hepatoprotective](#) : CK(1372) : AC(588)

Additional Keywords : [Plant Extracts](#) : CK(7438) : AC(2449)

Aloe vera has a protective effect against lindane induced hepatotoxicity and genotoxicity.

Pubmed Data : Pak J Pharm Sci. 2006 Oct;19(4):337-40. PMID: [17105716](#)

Article Published Date : Oct 01, 2006

Authors : O E Etim, E O Farombi, I F Usuh, E J Akpan

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Pesticide Toxicity](#) : CK(190) : AC(60)

Pharmacological Actions : [Hepatoprotective](#) : CK(1372) : AC(588)

Additional Keywords : [Chemical: Lindane](#) : CK(22) : AC(7) , [Plant Extracts](#) : CK(7438) : AC(2449)

Hypoglycemic Agents (AC 3) (CK 50)

Aloe sap has significant antidiabetic activity in both humans and animals.

Pubmed Data : Horm Res. 1986;24(4):288-94. PMID: [3096865](#)

Article Published Date : Jan 01, 1986

Authors : N Ghannam, M Kingston, I A Al-Meshaal, M Tariq, N S Parman, N Woodhouse

Study Type : Human Study

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Diabetes Mellitus: Type 2](#) : CK(3384) : AC(595)

Pharmacological Actions : [Hypoglycemic Agents](#) : CK(1392) : AC(340)

Additional Keywords : [Glibenclamide Alternatives](#) : CK(12) : AC(2)

The current evidence suggests some potential benefit of Aloe vera in improving glycaemic control in prediabetes and type 2 diabetes.

Pubmed Data : J Clin Pharm Ther. 2016 Apr ;41(2):180-8. Epub 2016 Mar 23. PMID: [27009750](#)

Article Published Date : Mar 31, 2016

Authors : N Suksomboon, N Poolsup, S Punthanitisarn

Study Type : Meta Analysis, Review

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Diabetes Mellitus: Type 2](#) : CK(3384) : AC(595), [Prediabetes](#) : CK(150) : AC(17)

Pharmacological Actions : [Hypoglycemic Agents](#) : CK(1392) : AC(340)

These results support the use of oral aloe vera for significantly reducing fasting blood glucose.

Pubmed Data : J Altern Complement Med. 2016 May 6. Epub 2016 May 6. PMID: [27152917](#)

Article Published Date : May 05, 2016

Authors : William R Dick, Emily A Fletcher, Sachin A Shah

Study Type : Meta Analysis

Additional Links

Substances : [Aloe Vera](#) : CK(339) : AC(74)

Diseases : [Hyperglycemia](#) : CK(539) : AC(130)

Pharmacological Actions : [Hypoglycemic Agents](#) : CK(1392) : AC(340)

Immunomodulatory (AC 2) (CK 3)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Gingivitis](#) : CK(243) : AC(36), [Lichen Planus](#) : CK(53) : AC(6), [Oral Submucous Fibrosis](#) : CK(43) : AC(7), [Periodontal Diseases](#) : CK(257) : AC(64), [Radiation Induced Illness: Mucositis](#) : CK(28) : AC(6), [Stomatitis: Aphthous](#) : CK(61) : AC(6)

Pharmacological Actions : [Anti-Bacterial Agents](#) : CK(1366) : AC(474), [Anti-Inflammatory Agents](#) :

CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)
Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe vera and honey treatment affect the tumor and host by different mechanisms by modulated host wasting and cachexia, while promoting oxidative stress and damage in tumor tissues.

Pubmed Data : J Med Food. 2015 Apr 9. Epub 2015 Apr 9. PMID: [25856497](#)

Article Published Date : Apr 08, 2015

Authors : Rebeka Tomasin, Rafael Siqueira de Andrade, Maria Cristina Cintra Gomes-Marcondes

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103)

Diseases : Cachexia : CK(77) : AC(25), Cancers: All : CK(14469) : AC(4575) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anticarcinogenic Agents : CK(1095) : AC(517) , Antioxidants : CK(7261) : AC(2659), Immunomodulatory : CK(1285) : AC(356)

Additional Keywords : Significant Treatment Outcome : CK(3028) : AC(365)

Interferon Inducers (AC 1) (CK 1)

Aloe induces interferon and inhibits Japanese Encephalitis Virus (JEV) and Enterovirus 71 (E71) replication.

Pubmed Data : Planta Med. 2009 Mar;75(4):337-9. Epub 2009 Jan 15. PMID: [18701259](#)

Article Published Date : Mar 01, 2009

Authors : Cheng-Wen Lin, Chia-Fang Wu, Nai-Wan Hsiao, Ching-Yao Chang, Shih-Wein Li, Lei Wan, Ying-Ju Lin, Wei-Yong Lin

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Encephalitis: Japanese : CK(17) : AC(8) , Enterovirus : CK(2) : AC(2)

Pharmacological Actions : Interferon Inducers : CK(31) : AC(9)

Interleukin-6 Downregulation (AC 1) (CK 2)

Lactobacillus plantarum LP625 alone or supplemented with herbs seems to protect against diet induced obesity.

Pubmed Data : Benef Microbes. 2016 Mar 1:1-12. Epub 2016 Mar 1. PMID: [26925603](#)

Article Published Date : Feb 29, 2016

Authors : R Pothuraju, R K Sharma, P Kumar Kavadi, J Chagalamarri, S Jangra, G Bhakri, S De

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Gymnema Sylvestre : CK(38) : AC(16) , Lactobacillus plantarum : CK(130) : AC(28) , Probiotics : CK(2852) : AC(361)

Diseases : Obesity : CK(2203) : AC(463)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Interleukin-6 Downregulation : CK(1078) : AC(337) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Additional Keywords : Anti-Obesity Agents : CK(484) : AC(106)

Leishmanicidal (AC 1) (CK 1)

Aloe vera leaf extract has leishmanial activity.

Pubmed Data : J Med Microbiol. 2007 May;56(Pt 5):629-36. PMID: [17446285](#)

Article Published Date : May 01, 2007

Authors : Avijit Dutta, Suman Bandyopadhyay, Chitra Mandal, Mitali Chatterjee

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74)

Diseases : Leishmaniasis : CK(52) : AC(35)

Pharmacological Actions : Leishmanicidal : CK(38) : AC(24)

Matrix metalloproteinase-1 (MMP-1) inhibitor (AC 1) (CK 10)

Aloe gel significantly improves wrinkles and elasticity in photoaged human skin.

Pubmed Data : Ann Dermatol. 2009 Feb;21(1):6-11. Epub 2009 Feb 28. PMID: [20548848](#)

Article Published Date : Feb 01, 2009

Authors : Soyun Cho, Serah Lee, Min-Jung Lee, Dong Hun Lee, Chong-Hyun Won, Sang Min Kim, Jin Ho Chung

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Aging Skin : CK(426) : AC(101), Skin Diseases: Photo-Aging : CK(122) : AC(50), Wrinkles : CK(10) : AC(1)

Pharmacological Actions : Matrix metalloproteinase-1 (MMP-1) inhibitor : CK(32) : AC(16)

Matrix metalloproteinase-2 (MMP-2) inhibitor (AC 1) (CK 2)

Oral Aloe vera gel powder has the ability to prevent the skin photoaging.

Pubmed Data : Biosci Biotechnol Biochem. 2016 Apr 4:1-9. Epub 2016 Apr 4. PMID: [27045316](#)

Article Published Date : Apr 03, 2016

Authors : Marie Saito, Miyuki Tanaka, Eriko Misawa, Ruiqing Yao, Kazumi Nabeshima, Kouji Yamauchi, Fumiaki Abe, Yuki Yamamoto, Fukumi Furukawa

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Ultraviolet Radiation Induced Damage : CK(75) : AC(33)

Pharmacological Actions : Matrix metalloproteinase-2 (MMP-2) inhibitor : CK(285) : AC(147), Matrix metalloproteinase-9 (MMP-9) inhibitor : CK(209) : AC(128), Photoprotective : CK(69) : AC(26)

Matrix metalloproteinase-9 (MMP-9) inhibitor (AC 1) (CK 2)

Oral Aloe vera gel powder has the ability to prevent the skin photoaging.

Pubmed Data : Biosci Biotechnol Biochem. 2016 Apr 4:1-9. Epub 2016 Apr 4. PMID: [27045316](#)

Article Published Date : Apr 03, 2016

Authors : Marie Saito, Miyuki Tanaka, Eriko Misawa, Ruiqing Yao, Kazumi Nabeshima, Kouji Yamauchi, Fumiaki Abe, Yuki Yamamoto, Fukumi Furukawa

Study Type : Animal Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Ultraviolet Radiation Induced Damage](#) : CK(75) : AC(33)

Pharmacological Actions : [Matrix metalloproteinase-2 \(MMP-2\) inhibitor](#) : CK(285) : AC(147) , [Matrix metalloproteinase-9 \(MMP-9\) inhibitor](#) : CK(209) : AC(128) , [Photoprotective](#) : CK(69) : AC(26)

MicroRNA modulator (AC 1) (CK 1)

Aloe polysaccharide induces autophagy in pancreatic carcinoma BxPC-3 cells both alone and in concert with radiation.

Pubmed Data : Pak J Pharm Sci. 2016 Jul ;29(4):1123-6. PMID: [27393447](#)

Article Published Date : Jun 30, 2016

Authors : Chunjin Xu, Feng Xu

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73)

Diseases : [Pancreatic Cancer](#) : CK(887) : AC(259)

Pharmacological Actions : [Autophagy Up-regulation](#) : CK(108) : AC(65) , [MicroRNA modulator](#) : CK(260) : AC(142) , [Radiosensitizer](#) : CK(99) : AC(62)

Additional Keywords : [Radiosensitizer](#) : CK(99) : AC(62)

NF-kappaB Inhibitor (AC 1) (CK 1)

HIPER Health Supplement has a potent ability to decrease NF-κB and MAP kinase activation, and therefore inflammatory gene expression

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:260530. Epub 2015 Nov 17. PMID: [26664450](#)

Article Published Date : Dec 31, 2014

Authors : Kristine C Y McGrath, Xiao-Hong Li, Lucinda S McRobb, Alison K Heather

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103) , Papaya : CK(105) : AC(45) , Pine Bark Extract : CK(567) : AC(96)

Diseases : Endothelial Dysfunction : CK(1176) : AC(232) , Inflammation : CK(2900) : AC(850) , Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , NF-kappaB Inhibitor : CK(1113) : AC(693) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Neuroprotective Agents (AC 1) (CK 2)

Aloe vera is an effective neuroprotective against sciatic nerve ischemia/reperfusion injury and was found to be as effective as methylprednisolone.

Pubmed Data : Biomed Pharmacother. 2016 Apr ;79:201-7. Epub 2016 Mar 10. PMID: [27044829](#)

Article Published Date : Mar 31, 2016

Authors : Mustafa Guven, Umut Hatay Gölge, Esra Aslan, Muserref Hilal Sehitoglu, Adem Bozkurt Aras, Tarik Akman, Murat Cosar

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Ischemia : CK(71) : AC(35), Sciatica : CK(88) : AC(15)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), Antioxidants : CK(7261) : AC(2659), Neuroprotective Agents : CK(2254) : AC(1063)

Additional Keywords : Natural Substances Versus Drugs : CK(1694) : AC(300)

Nrf2 activation (AC 1) (CK 10)

A functional beverage of mangosteen, aloe vera, green tea, and multivitamins enhances plasma antioxidant capacity in healthy adults.

Pubmed Data : Food Sci Nutr. 2015 Jan ;3(1):32-8. Epub 2014 Dec 12. PMID: [25649891](#)

Article Published Date : Dec 31, 2014

Authors : Zhuohong Xie, Marsha Sintara, Tony Chang, Boxin Ou

Study Type : Human Study

Additional Links

Substances : Aloe Vera : CK(339) : AC(74), Green Tea : CK(1957) : AC(558), Mangosteen : CK(90) : AC(36), Riboflavin (Vitamin B-2) : CK(120) : AC(19), Vitamin B-5 (Pantothenic Acid) : CK(52) : AC(9)

Pharmacological Actions : Antioxidants : CK(7261) : AC(2659), Nrf2 activation : CK(175) : AC(85)

Additional Keywords : Natural Substance Synergy : CK(535) : AC(245)

Photoprotective (AC 1) (CK 2)

Oral Aloe vera gel powder has the ability to prevent the skin photoaging.

Pubmed Data : Biosci Biotechnol Biochem. 2016 Apr 4:1-9. Epub 2016 Apr 4. PMID: [27045316](#)

Article Published Date : Apr 03, 2016

Authors : Marie Saito, Miyuki Tanaka, Eriko Misawa, Ruiqing Yao, Kazumi Nabeshima, Kouji Yamauchi, Fumiaki Abe, Yuki Yamamoto, Fukumi Furukawa

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Ultraviolet Radiation Induced Damage : CK(75) : AC(33)

Pharmacological Actions : Matrix metalloproteinase-2 (MMP-2) inhibitor : CK(285) : AC(147) ,
Matrix metalloproteinase-9 (MMP-9) inhibitor : CK(209) : AC(128) , Photoprotective : CK(69) : AC(26)

Photosensitizing Agents (AC 1) (CK 1)

Photodynamic therapy with aloe emodin effectively suppressed cancer development in MCF-7cells.

Pubmed Data : Anticancer Agents Med Chem. 2015 Aug 20. Epub 2015 Aug 20. PMID: [26295333](#)

Article Published Date : Aug 19, 2015

Authors : Qing Chena, Si Tiana, Jing Zhub, Kai-Ting Lia, Ting-He Yuc, Le-Hua Yub, Ding-Qun Bai

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Emodin : CK(43) : AC(27)

Diseases : Breast Cancer : CK(3505) : AC(1056) , Cancer Metastasis : CK(442) : AC(206) , Oxidative Stress : CK(3836) : AC(1369)

Therapeutic Actions : Integrative Medicine : CK(292) : AC(43) , Photodynamic therapy : CK(81) : AC(23)

Pharmacological Actions : Anti-metastatic : CK(613) : AC(410) , Antiproliferative : CK(2471) : AC(1680) , Apoptotic : CK(2952) : AC(2071) , Photosensitizing Agents : CK(1) : AC(1)

Radioprotective (AC 3) (CK 5)

Aloe barbadensis can play a significant role in dentistry in treatment of lichen planus, oral submucous fibrosis, recurrent aphthous stomatitis, alveolar osteitis, periodontitis.

Pubmed Data : J Pharm Bioallied Sci. 2015 Apr ;7(Suppl 1):S255-9. PMID: [26015726](#)

Article Published Date : Mar 31, 2015

Authors : S P Mangaiyarkarasi, T Manigandan, M Elumalai, Priyanka K Cholan, Roopam Pal Kaur

Study Type : Review

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Gingivitis : CK(243) : AC(36), Lichen Planus : CK(53) : AC(6), Oral Submucous Fibrosis : CK(43) : AC(7), Periodontal Diseases : CK(257) : AC(64), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Stomatitis: Aphthous : CK(61) : AC(6)

Pharmacological Actions : Anti-Bacterial Agents : CK(1366) : AC(474), Anti-Inflammatory Agents : CK(4578) : AC(1604), Immunomodulatory : CK(1285) : AC(356), Radioprotective : CK(756) : AC(262)

Additional Keywords : Aloe Barbadensis : CK(1) : AC(1)

Aloe vera has radioprotective properties.

Pubmed Data : J Environ Pathol Toxicol Oncol. 2009;28(1):53-61. PMID: [19392655](#)

Article Published Date : Jan 01, 2009

Authors : Pradeep Kumar Goyal, Prashasnika Gehlot

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Lipid Peroxidation : CK(693) : AC(253), Radiation Induced Illness : CK(1046) : AC(264)

Pharmacological Actions : Radioprotective : CK(756) : AC(262)

Additional Keywords : Plant Extracts : CK(7337) : AC(2432)

Vitamin E and Aloe vera helped decrease inflammatory responses and healing of the lesions induced on the tongue of rats subjected to radiation.

Pubmed Data : Support Care Cancer. 2015 Dec 23. Epub 2015 Dec 23. PMID: [26698599](#)

Article Published Date : Dec 22, 2015

Authors : Letícia de Freitas Cuba, Aroldo Braga Filho, Karen Cherubini, Fernanda Gonçalves Salum, Maria Antonia Zancanaro de Figueiredo

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Vitamin E : CK(1656) : AC(290)

Diseases : Inflammation : CK(2900) : AC(850), Radiation Induced Illness: Mucositis : CK(28) : AC(6), Radiotherapy : CK(45) : AC(2)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Radioprotective : CK(756) : AC(262)

Radiosensitizer (AC 1) (CK 1)

Aloe polysaccharide induces autophagy in pancreatic carcinoma BxPC-3 cells both alone and in concert with radiation.

Pubmed Data : Pak J Pharm Sci. 2016 Jul ;29(4):1123-6. PMID: [27393447](#)

Article Published Date : Jun 30, 2016

Authors : Chunjin Xu, Feng Xu

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73)

Diseases : Pancreatic Cancer : CK(887) : AC(259)

Pharmacological Actions : Autophagy Up-regulation : CK(108) : AC(65), MicroRNA modulator : CK(260) : AC(142), Radiosensitizer : CK(99) : AC(62)

Additional Keywords : Radiosensitizer : CK(99) : AC(62)

Tumor Necrosis Factor (TNF) Alpha Inhibitor (AC 3) (CK 4)

Aloe-emodin may have therapeutic activity in skin cancer.

Pubmed Data : Chem Res Toxicol. 2009 Dec;22(12):2017-28. PMID: [19928967](#)

Article Published Date : Dec 01, 2009

Authors : Tzung-Han Chou, Chia-Hua Liang

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73), Emodin : CK(43) : AC(27)

Diseases : Skin Cancer : CK(652) : AC(264), Skin Cancer: Squamous Cell : CK(56) : AC(20)

Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639), Apoptotic : CK(2952) : AC(2071), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647), Tumor Suppressor Protein p53 Upregulation : CK(293) : AC(202)

Additional Keywords : Drug: 5-flourouracil : CK(108) : AC(29), Selective Cytotoxicity : CK(158) : AC(112)

HIPER Health Supplement has a potent ability to decrease NF- κ B and MAP kinase activation, and therefore inflammatory gene expression

Pubmed Data : Evid Based Complement Alternat Med. 2015 ;2015:260530. Epub 2015 Nov 17.
PMID: [26664450](#)

Article Published Date : Dec 31, 2014

Authors : Kristine C Y McGrath, Xiao-Hong Li, Lucinda S McRobb, Alison K Heather

Study Type : In Vitro Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Honey : CK(504) : AC(103), Papaya : CK(105) : AC(45), Pine Bark Extract : CK(567) : AC(96)

Diseases : Endothelial Dysfunction : CK(1176) : AC(232), Inflammation : CK(2900) : AC(850), Oxidative Stress : CK(3836) : AC(1369)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Lactobacillus plantarum LP625 alone or supplemented with herbs seems to protect against diet induced obesity.

Pubmed Data : Benef Microbes. 2016 Mar 1:1-12. Epub 2016 Mar 1. PMID: [26925603](#)

Article Published Date : Feb 29, 2016

Authors : R Pothuraju, R K Sharma, P Kumar Kavadi, J Chagalamarri, S Jangra, G Bhakri, S De

Study Type : Animal Study

Additional Links

Substances : Aloe Vera : CK(338) : AC(73) , Gymnema Sylvestre : CK(38) : AC(16), Lactobacillus plantarum : CK(130) : AC(28), Probiotics : CK(2852) : AC(361)

Diseases : Obesity : CK(2203) : AC(463)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604), Interleukin-6 Downregulation : CK(1078) : AC(337), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Additional Keywords : Anti-Obesity Agents : CK(484) : AC(106)

Tumor Suppressor Protein p53 Upregulation (AC 1) (CK 1)

Aloe-emodin may have therapeutic activity in skin cancer.

Pubmed Data : Chem Res Toxicol. 2009 Dec;22(12):2017-28. PMID: [19928967](#)

Article Published Date : Dec 01, 2009

Authors : Tzung-Han Chou, Chia-Hua Liang

Study Type : In Vitro Study

Additional Links

Substances : [Aloe Vera](#) : CK(338) : AC(73) , [Emodin](#) : CK(43) : AC(27)

Diseases : [Skin Cancer](#) : CK(652) : AC(264) , [Skin Cancer: Squamous Cell](#) : CK(56) : AC(20)

Pharmacological Actions : [Antineoplastic Agents](#) : CK(1158) : AC(639) , [Apoptotic](#) : CK(2952) : AC(2071) , [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1763) : AC(647) , [Tumor Suppressor Protein p53 Upregulation](#) : CK(293) : AC(202)

Additional Keywords : [Drug: 5-flourouracil](#) : CK(108) : AC(29) , [Selective Cytotoxicity](#) : CK(158) : AC(112)

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