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## **Research Topic**

**Amla Fruit**

This Smart Search PDF was created based on **1** research topic. There are a total of **33** unique research articles on [GreenMedInfo.com](http://GreenMedInfo.com) in regard to your search topic, all compiled in this research document.

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Below you will find compelling research hard-referenced to peer-reviewed biomedical research sourced from the US National Library of Medicine. For more research on over 6000 validated topics, please visit <http://GreenMedInfo.com/research-dashboard>

# Overview of Terms Associated with Your Search Topic

46 Relevant Results for  
Diseases

Disease/Symptom	Cumulative Knowledge	Article Count
<b>C-Reactive Protein</b>	10	1
<b>Cardiovascular Diseases</b>	10	1
<b>Hypercholesterolemia</b>	10	1
<b>Uremia</b>	10	1
<b>Alcohol Toxicity</b>	6	3
<b>Cervical Cancer</b>	5	1
<b>Alzheimer's Disease</b>	4	2
<b>Arsenic Poisoning</b>	4	2
<b>Cataract</b>	4	2
<b>Myocardial Ischemia</b>	4	2
<b>Ovarian Cancer</b>	4	2
<b>Oxidative Stress</b>	4	2
<b>Pulmonary Tuberculosis</b>	4	2
<b>Tuberculosis Drug Induced Toxicity</b>	4	2
<b>Klebsiella Infections</b>	3	2
<b>Aging</b>	2	1
<b>Aging Skin</b>	2	1
<b>Aluminum Toxicity</b>	2	1
<b>Brain Damage</b>	2	1
<b>Chemotherapy-Induced Toxicity: Cisplatin</b>	2	1
<b>Dementia</b>	2	1
<b>Diabetes: Cataract</b>	2	1
<b>Fever</b>	2	1

<b>Fluoride Toxicity</b>	<b>2</b>	<b>1</b>
<b>Hyperthyroidism</b>	<b>2</b>	<b>1</b>
<b>Infertility: Male</b>	<b>2</b>	<b>1</b>
<b>Inflammation</b>	<b>2</b>	<b>1</b>
<b>Kidney Diseases</b>	<b>2</b>	<b>1</b>
<b>Lens Damage</b>	<b>2</b>	<b>1</b>
<b>Memory Disorders</b>	<b>2</b>	<b>1</b>
<b>Memory Loss</b>	<b>2</b>	<b>1</b>
<b>Mitochondrial Dysfunction</b>	<b>2</b>	<b>1</b>
<b>Mycotoxicity</b>	<b>2</b>	<b>1</b>
<b>Myocardial Infarction</b>	<b>2</b>	<b>1</b>
<b>Myocarditis: Viral</b>	<b>2</b>	<b>1</b>
<b>Pancreatitis</b>	<b>2</b>	<b>1</b>
<b>Pneumonia</b>	<b>2</b>	<b>1</b>
<b>Wound Healing: Delayed</b>	<b>2</b>	<b>1</b>
<b>Cancers: All</b>	<b>1</b>	<b>1</b>
<b>Cystic Fibrosis</b>	<b>1</b>	<b>1</b>
<b>Fibrosis: Liver</b>	<b>1</b>	<b>1</b>
<b>Gram-Positive Bacterial Infections</b>	<b>1</b>	<b>1</b>
<b>Liver Fibrosis</b>	<b>1</b>	<b>1</b>
<b>Osteoarthritis</b>	<b>1</b>	<b>1</b>
<b>Pseudomonas aeruginosa</b>	<b>1</b>	<b>1</b>
<b>Urinary Tract Infections</b>	<b>1</b>	<b>1</b>

22 Relevant Results for Pharmacological Actions

<b>Pharmacological Action Name</b>	<b>Cumulative Knowledge</b>	<b>Article Count</b>
<b>Antioxidants</b>	<b>18</b>	<b>5</b>

<b>Anti-Inflammatory Agents</b>	<b>14</b>	<b>3</b>
<b>Anticholesteremic Agents</b>	<b>10</b>	<b>1</b>
<b>Antiproliferative</b>	<b>9</b>	<b>3</b>
<b>Hepatoprotective</b>	<b>8</b>	<b>4</b>
<b>Antineoplastic Agents</b>	<b>7</b>	<b>2</b>
<b>Antiviral Agents</b>	<b>5</b>	<b>1</b>
<b>Apoptotic</b>	<b>5</b>	<b>1</b>
<b>Chemopreventive</b>	<b>5</b>	<b>1</b>
<b>Neuroprotective Agents</b>	<b>4</b>	<b>2</b>
<b>Renoprotective</b>	<b>4</b>	<b>2</b>
<b>Tumor Necrosis Factor (TNF) Alpha Inhibitor</b>	<b>4</b>	<b>2</b>
<b>Analgesics: Non-Narcotic</b>	<b>2</b>	<b>1</b>
<b>Anti-Angiogenic</b>	<b>2</b>	<b>1</b>
<b>Anti-metastatic</b>	<b>2</b>	<b>1</b>
<b>Anti-pyretic</b>	<b>2</b>	<b>1</b>
<b>Cardioprotective</b>	<b>2</b>	<b>1</b>
<b>Hypoglycemic Agents</b>	<b>2</b>	<b>1</b>
<b>Immunomodulatory</b>	<b>2</b>	<b>1</b>
<b>Interleukin-1 beta downregulation</b>	<b>2</b>	<b>1</b>
<b>MicroRNA modulator</b>	<b>2</b>	<b>1</b>
<b>Anti-Bacterial Agents</b>	<b>1</b>	<b>1</b>

#### 10 Relevant Results for Substances

<b>Substance Name</b>	<b>Cumulative Knowledge</b>	<b>Article Count</b>
<b>Bacopa</b>	<b>2</b>	<b>1</b>
<b>Clove</b>	<b>2</b>	<b>1</b>
<b>Flaxseed</b>	<b>2</b>	<b>1</b>
<b>Ghee</b>	<b>2</b>	<b>1</b>

<b>Guduchi</b>	<b>2</b>	<b>1</b>
<b>Licorice</b>	<b>2</b>	<b>1</b>
<b>Mango</b>	<b>2</b>	<b>1</b>
<b>Rutin</b>	<b>2</b>	<b>1</b>
<b>Shorea robusta</b>	<b>2</b>	<b>1</b>
<b>Zinc</b>	<b>2</b>	<b>1</b>

#### 10 Relevant Results for Keywords

<b>Keyword Name</b>	<b>Cumulative Knowledge</b>	<b>Article Count</b>
<b>Plant Extracts</b>	<b>28</b>	<b>9</b>
<b>Risk Reduction</b>	<b>10</b>	<b>1</b>
<b>Epigenetic Modification</b>	<b>5</b>	<b>1</b>
<b>Phytotherapy</b>	<b>5</b>	<b>1</b>
<b>Drug Side Effect Attenuation</b>	<b>4</b>	<b>2</b>
<b>Ayurvedic Formulas</b>	<b>2</b>	<b>1</b>
<b>Chemotherapeutic Synergy: Cisplatin</b>	<b>2</b>	<b>1</b>
<b>Dose Response</b>	<b>2</b>	<b>1</b>
<b>Regenerative Substances</b>	<b>2</b>	<b>1</b>
<b>Significant Treatment Outcome</b>	<b>2</b>	<b>1</b>

#### 4 Relevant Results for Problem Substances

<b>Problem Substance Name</b>	<b>Cumulative Knowledge</b>	<b>Article Count</b>
<b>Aluminum Chloride</b>	<b>2</b>	<b>1</b>
<b>Arsenic</b>	<b>2</b>	<b>1</b>
<b>Arsenite</b>	<b>2</b>	<b>1</b>
<b>Fluoride</b>	<b>2</b>	<b>1</b>

# View the Evidence.

## 33 Research Articles in Total.

### Category : Diseases

#### Aging (AC 1) (CK 2)

##### **Amla prevents dyslipidemia and oxidative stress in the aging process.**

**Pubmed Data** : Br J Nutr. 2007 Jun;97(6):1187-95 PMID: [17506915](#)

**Article Published Date** : Jun 01, 2007

**Authors** : Takako Yokozawa, Hyun Young Kim, Hyun Ju Kim, Tsutomu Okubo, Djoing-Chi Chu, Lekh Raj Juneja

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Aging](#) : CK(1563) : AC(422)

#### Aging Skin (AC 1) (CK 2)

##### **A traditional Indian medical formula containing clarified butter (ghee), flax seed oil, amla (P. emblica fruits), Shorea robusta resin and zinc (Yashada bhasma) stimulates wound healing and tissue regeneration.**

**Pubmed Data** : Evid Based Complement Alternat Med. 2009 Feb 27. PMID: [19252191](#)

**Article Published Date** : Feb 27, 2009

**Authors** : Hema Sharma Datta, Shankar Kumar Mitra, Bhushan Patwardhan

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25), Flaxseed : CK(448) : AC(74), Ghee : CK(24) : AC(4), Shorea robusta : CK(2) : AC(1), Zinc : CK(939) : AC(138)

**Diseases** : Aging Skin : CK(387) : AC(93), Wound Healing: Delayed : CK(40) : AC(20)

**Additional Keywords** : Ayurvedic Formulas : CK(2) : AC(1), Regenerative Substances : CK(42) : AC(19)

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## Alcohol Toxicity (AC 3) (CK 6)

### Amla prevents alcohol-induced brain mitochondrial dysfunction in rats.

**Pubmed Data** : J Med Food. 2011 Jan-Feb;14(1-2):62-8. Epub 2010 Dec 7. PMID: [21138366](#)

**Article Published Date** : Jan 01, 2011

**Authors** : Vaddi Damodara Reddy, Pannuru Padmavathi, Godugu Kavitha, Sriram Gopi, Nallanchakravarthula Varadacharyulu

**Study Type** : Animal Study

#### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Alcohol Toxicity : CK(214) : AC(86), Brain Damage : CK(85) : AC(39), Mitochondrial Dysfunction : CK(188) : AC(57)

**Pharmacological Actions** : Neuroprotective Agents : CK(2168) : AC(1013)

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### Amla reduces the toxicity of alcohol in rats.

**Pubmed Data** : Indian J Biochem Biophys. 2010 Feb;47(1):20-5. PMID: [21086750](#)

**Article Published Date** : Feb 01, 2010

**Authors** : V Damodara Reddy, P Padmavathi, M Paramahamsa, N C Varadacharyulu

**Study Type** : Animal Study

#### Additional Links

**Substances** : Amla Fruit : CK(80) : AC(33)

**Diseases** : Alcohol Toxicity : CK(214) : AC(86)

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### An extract of Emblica officinalis that was rich in rutin had pancreato protective effects against alcohol toxicity.

**Pubmed Data** : J Complement Integr Med. 2014 Mar ;11(1):9-18. Epub 2014 Feb 7. PMID: [24516008](#)

**Article Published Date** : Feb 28, 2014

**Authors** : Ravikumar Aruna, Arumugam Geetha, Periyamayagam Suguna, Vijayashankar Suganya

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25), Rutin : CK(104) : AC(32)

**Diseases** : Alcohol Toxicity : CK(214) : AC(86), Oxidative Stress : CK(3677) : AC(1321), Pancreatitis : CK(164) : AC(42)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Antioxidants : CK(6711) : AC(2004)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

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## Aluminum Toxicity (AC 1) (CK 2)

**Tannoid principles of *E. officinalis* may be a promising therapy in ameliorating neurotoxicity of aluminum.**

**Pubmed Data** : Nutr Neurosci. 2015 Apr 4. Epub 2015 Apr 4. PMID: [25842984](#)

**Article Published Date** : Apr 03, 2015

**Authors** : Arokiasamy Justin Thenmozhi, Mathiyazahan Dhivyabharathi, Tharsius Raja William Raja, Thamilarasan Manivasagam, Musthafa Mohamed Essa

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Aluminum Toxicity : CK(114) : AC(40), Alzheimer's Disease : CK(1677) : AC(168)

**Pharmacological Actions** : Neuroprotective Agents : CK(2127) : AC(919)

**Additional Keywords** : Significant Treatment Outcome : CK(2720) : AC(334)

**Problem Substances** : Aluminum Chloride : CK(1) : AC(1)

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## Alzheimer's Disease (AC 2) (CK 4)

**Emblica officinalis (Amla) improves memory and reverses memory deficits in rats.**

**Pubmed Data** : Yakugaku Zasshi. 2007 Oct;127(10):1701-7. PMID: [17917427](#)

**Article Published Date** : Oct 01, 2007



**Authors** : Mani Vasudevan, Milind Parle

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Alzheimer's Disease](#) : CK(1677) : AC(168) , [Dementia](#) : CK(275) : AC(37) , [Memory Disorders](#) : CK(303) : AC(68) , [Memory Loss](#) : CK(143) : AC(35)

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## Tannoid principles of *E. officinalis* may be a promising therapy in ameliorating neurotoxicity of aluminum.

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**Authors** : Arokiasamy Justin Thenmozhi, Mathiyazahan Dhivyabharathi, Tharsius Raja William Raja, Thamilarasan Manivasagam, Musthafa Mohamed Essa

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Aluminum Toxicity](#) : CK(114) : AC(40) , [Alzheimer's Disease](#) : CK(1677) : AC(168)

**Pharmacological Actions** : [Neuroprotective Agents](#) : CK(2127) : AC(919)

**Additional Keywords** : [Significant Treatment Outcome](#) : CK(2720) : AC(334)

**Problem Substances** : [Aluminum Chloride](#) : CK(1) : AC(1)

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## Arsenic Poisoning (AC 2) (CK 4)

### Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Arsenic Poisoning](#) : CK(84) : AC(26) , [Inflammation](#) : CK(2751) : AC(810)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402) , [Antioxidants](#) : CK(6711) : AC(2004) , [Immunomodulatory](#) : CK(1005) : AC(201) , [Interleukin-1 beta downregulation](#) : CK(350) : AC(112) , [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1556) : AC(567)

**Problem Substances** : [Arsenic](#) : CK(82) : AC(12)

## Amla leaf extract might have therapeutic application for protecting against arsenic-mediated toxicity.

**Pubmed Data** : Nagoya J Med Sci. 2015 Feb ;77(1-2):145-53. PMID: [25797979](#)

**Article Published Date** : Jan 31, 2015

**Authors** : Sadia Sayed, Nazmul Ahsan, Masashi Kato, Nobutaka Ohgami, Abdur Rashid, Anwarul Azim Akhand

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Arsenic Poisoning](#) : CK(84) : AC(26)

**Pharmacological Actions** : [Antioxidants](#) : CK(6873) : AC(2521), [Hepatoprotective](#) : CK(1058) : AC(466), [Renoprotective](#) : CK(222) : AC(106)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

**Problem Substances** : [Arsenite](#) : CK(2) : AC(2)

## Brain Damage (AC 1) (CK 2)

### Amla prevents alcohol-induced brain mitochondrial dysfunction in rats.

**Pubmed Data** : J Med Food. 2011 Jan-Feb;14(1-2):62-8. Epub 2010 Dec 7. PMID: [21138366](#)

**Article Published Date** : Jan 01, 2011

**Authors** : Vaddi Damodara Reddy, Pannuru Padmavathi, Godugu Kavitha, Sriram Gopi, Nallanchakravarthula Varadacharyulu

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Alcohol Toxicity](#) : CK(214) : AC(86), [Brain Damage](#) : CK(85) : AC(39), [Mitochondrial Dysfunction](#) : CK(188) : AC(57)

**Pharmacological Actions** : [Neuroprotective Agents](#) : CK(2168) : AC(1013)

## C-Reactive Protein (AC 1) (CK 10)

## A standardized extract of *P. emblica* may provide beneficial effects in overweight/Class-1 obese adults by lowering multiple global CVD risk factors.

**Pubmed Data** : J Med Food. 2015 Apr ;18(4):415-20. Epub 2015 Mar 10. PMID: [25756303](#)

**Article Published Date** : Mar 31, 2015

**Authors** : Savita Khanna, Amitava Das, James Spieldenner, Cameron Rink, Sashwati Roy

**Study Type** : Human Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : C-Reactive Protein : CK(1443) : AC(84), Cardiovascular Diseases : CK(6898) : AC(872), Hypercholesterolemia : CK(1840) : AC(167)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Anticholesteremic Agents : CK(1014) : AC(190)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315), Risk Reduction : CK(5833) : AC(617)

## Cancers: All (AC 1) (CK 1)

### Amla inhibits carcinogenesis.

**Pubmed Data** : J Exp Clin Cancer Res. 2003 Jun;22(2):201-12. PMID: [12866570](#)

**Article Published Date** : Jun 01, 2003

**Authors** : N V Rajeshkumar, M Radhakrishna Pillai, R Kuttan

**Study Type** : In Vitro Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cancers: All : CK(13861) : AC(4344)

## Cardiovascular Diseases (AC 1) (CK 10)

A standardized extract of *P. emblica* may provide beneficial effects in overweight/Class-1 obese adults by

## lowering multiple global CVD risk factors.

**Pubmed Data** : J Med Food. 2015 Apr ;18(4):415-20. Epub 2015 Mar 10. PMID: [25756303](#)

**Article Published Date** : Mar 31, 2015

**Authors** : Savita Khanna, Amitava Das, James Spieldenner, Cameron Rink, Sashwati Roy

**Study Type** : Human Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [C-Reactive Protein](#) : CK(1443) : AC(84), [Cardiovascular Diseases](#) : CK(6898) : AC(872), [Hypercholesterolemia](#) : CK(1840) : AC(167)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402), [Anticholesteremic Agents](#) : CK(1014) : AC(190)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315), [Risk Reduction](#) : CK(5833) : AC(617)

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## Cataract (AC 2) (CK 4)

### Amla (*Embilca officinalis*) stimulates lens regeneration in the frog.

**Pubmed Data** : Indian J Exp Biol. 2009 Mar;47(3):157-62. PMID: [19405379](#)

**Article Published Date** : Mar 01, 2009

**Authors** : Jayshree Banot, Garima Lata, O P Jangir, Manshi Sharma, Vijay Singh Rathore, S K Saini, Amit Nagal

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Cataract](#) : CK(196) : AC(61), [Lens Damage](#) : CK(5) : AC(3)

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### Emblica (amla) tannoids are effective in delaying development of diabetic cataract in rats.

**Pubmed Data** : Mol Vis. 2007 Jul 24;13:1291-7. PMID: [17679931](#)

**Article Published Date** : Jul 24, 2007

**Authors** : P Suryanarayana, Megha Saraswat, J Mark Petrash, G Bhanuprakash Reddy

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Cataract](#) : CK(196) : AC(61), [Diabetes: Cataract](#) : CK(23) : AC(13)

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## Cervical Cancer (AC 1) (CK 5)

**An extract of Amla fruit inhibited human papillomavirus viral oncogenes responsible for development and progression of cervical cancer.**

**Pubmed Data** : Nutr Cancer. 2013 ;65 Suppl 1:88-97. PMID: [23682787](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Sutapa Mahata, Arvind Pandey, Shirish Shukla, Abhishek Tyagi, Syed Akhtar Husain, Bhudev Chandra Das, Alok Chandra Bharti

**Study Type** : Human In Vitro

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Cervical Cancer](#) : CK(329) : AC(130)

**Pharmacological Actions** : [Antineoplastic Agents](#) : CK(1085) : AC(505), [Antiproliferative](#) : CK(2143) : AC(1208), [Antiviral Agents](#) : CK(862) : AC(376), [Apoptotic](#) : CK(2582) : AC(1717), [Chemopreventive](#) : CK(2477) : AC(684)

**Additional Keywords** : [Epigenetic Modification](#) : CK(193) : AC(83), [Phytotherapy](#) : CK(971) : AC(160), [Plant Extracts](#) : CK(6992) : AC(2315)

## Chemotherapy-Induced Toxicity: Cisplatin (AC 1) (CK 2)

**A combination of Bacopa, Amla (*E. officinalis*), Licorice (*G. glabra*), Indian mango (*M. indica*) and Clove (*S. aromaticum*) protect against experimentally-induced cardiac and renal damage.**

**Pubmed Data** : Phytother Res. 2005 Mar;19(3):216-21. PMID: [15934019](#)

**Article Published Date** : Mar 01, 2005

**Authors** : P A Bafna, R Balaraman

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25) , Bacopa : CK(119) : AC(18) , Clove : CK(93) : AC(48) , Licorice : CK(302) : AC(84) , Mango : CK(58) : AC(33)

**Diseases** : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76) , Myocardial Infarction : CK(3393) : AC(123)

**Pharmacological Actions** : Antioxidants : CK(6711) : AC(2004)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

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## Cystic Fibrosis (AC 1) (CK 1)

**Amla (*Emblica officinalis*) extract contains a compound known as pyrogallol which has anti-inflammatory activity in bronchial epithelial cells from patients with cystic fibrosis.**

**Pubmed Data** : Int Immunopharmacol. 2008 Dec 10;8(12):1672-80. Epub 2008 Aug 27. PMID: [18760383](#)

**Article Published Date** : Dec 10, 2008

**Authors** : Elena Nicolis, Ilaria Lampronti, Maria Cristina Dehecchi, Monica Borgatti, Anna Tamanini, Nicoletta Bianchi, Valentino Bezzetti, Irene Mancini, Maria Grazia Giri, Paolo Rizzotti, Roberto Gambari, Giulio Cabrini

**Study Type** : In Vitro Study

**Additional Links**

**Substances** : Amla Fruit : CK(80) : AC(33)

**Diseases** : Cystic Fibrosis : CK(523) : AC(78)

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## Dementia (AC 1) (CK 2)

***Emblica officinalis* (Amla) improves memory and reverses memory deficits in rats.**

**Pubmed Data** : Yakugaku Zasshi. 2007 Oct;127(10):1701-7. PMID: [17917427](#)

**Article Published Date** : Oct 01, 2007

**Authors** : Mani Vasudevan, Milind Parle

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Alzheimer's Disease : CK(1677) : AC(168) , Dementia : CK(275) : AC(37) , Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)

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## Diabetes: Cataract (AC 1) (CK 2)

**Emblica (amla) tannoids are effective in delaying development of diabetic cataract in rats.**

**Pubmed Data** : Mol Vis. 2007 Jul 24;13:1291-7. PMID: [17679931](#)

**Article Published Date** : Jul 24, 2007

**Authors** : P Suryanarayana, Megha Saraswat, J Mark Petrash, G Bhanuprakash Reddy

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cataract : CK(196) : AC(61), Diabetes: Cataract : CK(23) : AC(13)

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## Fever (AC 1) (CK 2)

**Amla has potent anti-pyretic and analgesic activity.**

**Pubmed Data** : J Ethnopharmacol. 2004 Nov;95(1):83-5. PMID: [15374611](#)

**Article Published Date** : Nov 01, 2004

**Authors** : James B Perianayagam, S K Sharma, Aney Joseph, A J M Christina

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(80) : AC(33)

**Diseases** : Fever : CK(87) : AC(14)

**Pharmacological Actions** : Analgesics: Non-Narcotic : CK(25) : AC(9) , Anti-pyretic : CK(28) : AC(9)

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## Fibrosis: Liver (AC 1) (CK 1)

### Emblica officinalis (amla) fruit reverses profibrinogenic events due to its antioxidant activity.

**Pubmed Data** : Atherosclerosis. 1998 Jun;138(2):329-34. PMID: [15997120](#)

**Article Published Date** : Jun 01, 1998

**Authors** : Sheikh Abdullah Tasduq, Dilip Manikrao Mondhe, Devinder Kumar Gupta, Meena Baleshwar, Rakesh Kamal Johri

**Study Type** : In Vitro Study

#### Additional Links

**Substances** : [Amla Fruit](#) : CK(80) : AC(33)

**Diseases** : [Fibrosis: Liver](#) : CK(24) : AC(9), [Liver Fibrosis](#) : CK(483) : AC(75)

## Fluoride Toxicity (AC 1) (CK 2)

### Amla exhibits antihyperglycemic and hepato-renal protective properties in fluoride induced toxicity.

**Pubmed Data** : J Pharm Bioallied Sci. 2012 Jul ;4(3):250-4. PMID: [22923969](#)

**Article Published Date** : Jun 30, 2012

**Authors** : Rupal A Vasant, A V R L Narasimhacharya

**Study Type** : Animal Study

#### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Fluoride Toxicity](#) : CK(149) : AC(43)

**Pharmacological Actions** : [Hepatoprotective](#) : CK(1269) : AC(546), [Hypoglycemic Agents](#) : CK(1190) : AC(268), [Renoprotective](#) : CK(222) : AC(106)

**Problem Substances** : [Fluoride](#) : CK(270) : AC(48)



# Gram-Positive Bacterial Infections (AC 1) (CK 1)

## Emblica officinalis exhibits antibacterial activity against urinary tract pathogens.

**Pubmed Data** : Pak J Pharm Sci. 2007 Jan;20(1):32-5. PMID: [17337425](#)

**Article Published Date** : Jan 01, 2007

**Authors** : Sabahat Saeed, Perween Tariq

**Study Type** : In Vitro Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Gram-Positive Bacterial Infections](#) : CK(19) : AC(12) , [Klebsiella Infections](#) : CK(59) : AC(23) , [Pseudomonas aeruginosa](#) : CK(91) : AC(34) , [Urinary Tract Infections](#) : CK(338) : AC(47)

**Pharmacological Actions** : [Anti-Bacterial Agents](#) : CK(1353) : AC(462)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

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# Hypercholesterolemia (AC 1) (CK 10)

## A standardized extract of P. emblica may provide beneficial effects in overweight/Class-1 obese adults by lowering multiple global CVD risk factors.

**Pubmed Data** : J Med Food. 2015 Apr ;18(4):415-20. Epub 2015 Mar 10. PMID: [25756303](#)

**Article Published Date** : Mar 31, 2015

**Authors** : Savita Khanna, Amitava Das, James Spieldenner, Cameron Rink, Sashwati Roy

**Study Type** : Human Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [C-Reactive Protein](#) : CK(1443) : AC(84) , [Cardiovascular Diseases](#) : CK(6898) : AC(872) , [Hypercholesterolemia](#) : CK(1840) : AC(167)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402) , [Anticholesteremic Agents](#) : CK(1014) : AC(190)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315) , [Risk Reduction](#) : CK(5833) : AC(617)

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## Hyperthyroidism (AC 1) (CK 2)

### Amla ameliorates hyperthyroidism and liver damage in mice.

**Pubmed Data** : Pharmazie. 2003 Oct;58(10):753-5. PMID: [14609291](#)

**Article Published Date** : Oct 01, 2003

**Authors** : S Panda, A Kar

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(80) : AC(33)

**Diseases** : [Hyperthyroidism](#) : CK(189) : AC(33)

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## Infertility: Male (AC 1) (CK 2)

### Amla (*Emblica officinalis*) ameliorates the spermatotoxic effects of the mycotoxin ochratoxin.

**Pubmed Data** : Acta Pol Pharm. 2009 Nov-Dec;66(6):689-95. PMID: [20050533](#)

**Article Published Date** : Nov 01, 2009

**Authors** : [No authors listed]

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(80) : AC(33)

**Diseases** : [Infertility: Male](#) : CK(314) : AC(62) , [Mycotoxicity](#) : CK(15) : AC(1)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

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## Inflammation (AC 1) (CK 2)

## Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26) , Inflammation : CK(2751) : AC(810)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402) , Antioxidants : CK(6711) : AC(2004), Immunomodulatory : CK(1005) : AC(201), Interleukin-1 beta downregulation : CK(350) : AC(112), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

**Problem Substances** : Arsenic : CK(82) : AC(12)

## Kidney Diseases (AC 1) (CK 2)

### Amla may reduce oxidative stress in age-related kidney dysfunction.

**Pubmed Data** : J Agric Food Chem. 2007 Sep 19;55(19):7744-52. Epub 2007 Aug 23. PMID: [17715896](#)

**Article Published Date** : Sep 19, 2007

**Authors** : Takako Yokozawa, Hyun Young Kim, Hyun Ju Kim, Takashi Tanaka, Hidetoshi Sugino, Tsutomu Okubo, Djong-Chi Chu, Lekh Raj Juneja

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(80) : AC(33)

**Diseases** : Kidney Diseases : CK(393) : AC(64)

## Klebsiella Infections (AC 2) (CK 3)

## Dietary supplementation with amla protects against bacterial colonization of lungs on long-term feeding in experimental model.

**Pubmed Data** : Indian J Med Res. 2008 Aug;128(2):188-93. PMID: [19001683](#)

**Article Published Date** : Aug 01, 2008

**Authors** : A Saini, S Sharma, S Chhibber

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Klebsiella Infections : CK(59) : AC(23), Pneumonia : CK(330) : AC(40)

**Pharmacological Actions** : Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1655) : AC(604)

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## Emblica officinalis exhibits antibacterial activity against urinary tract pathogens.

**Pubmed Data** : Pak J Pharm Sci. 2007 Jan;20(1):32-5. PMID: [17337425](#)

**Article Published Date** : Jan 01, 2007

**Authors** : Sabahat Saeed, Perween Tariq

**Study Type** : In Vitro Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Gram-Positive Bacterial Infections : CK(19) : AC(12), Klebsiella Infections : CK(59) : AC(23), Pseudomonas aeruginosa : CK(91) : AC(34), Urinary Tract Infections : CK(338) : AC(47)

**Pharmacological Actions** : Anti-Bacterial Agents : CK(1353) : AC(462)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

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## Lens Damage (AC 1) (CK 2)

### Amla (*Emblica officinalis*) stimulates lens regeneration in the frog.

**Pubmed Data** : Indian J Exp Biol. 2009 Mar;47(3):157-62. PMID: [19405379](#)

**Article Published Date** : Mar 01, 2009

**Authors** : Jayshree Banot, Garima Lata, O P Jangir, Manshi Sharma, Vijay Singh Rathore, S K Saini, Amit Nagal

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cataract : CK(196) : AC(61), Lens Damage : CK(5) : AC(3)

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## Liver Fibrosis (AC 1) (CK 1)

### Emblica officinalis (amla) fruit reverses profibrinogenic events due to its antioxidant activity.

**Pubmed Data** : Atherosclerosis. 1998 Jun;138(2):329-34. PMID: [15997120](#)

**Article Published Date** : Jun 01, 1998

**Authors** : Sheikh Abdullah Tasduq, Dilip Manikrao Mondhe, Devinder Kumar Gupta, Meena Baleshwar, Rakesh Kamal Johri

**Study Type** : In Vitro Study

**Additional Links**

**Substances** : Amla Fruit : CK(80) : AC(33)

**Diseases** : Fibrosis: Liver : CK(24) : AC(9), Liver Fibrosis : CK(483) : AC(75)

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## Memory Disorders (AC 1) (CK 2)

### Emblica officinalis (Amla) improves memory and reverses memory deficits in rats.

**Pubmed Data** : Yakugaku Zasshi. 2007 Oct;127(10):1701-7. PMID: [17917427](#)

**Article Published Date** : Oct 01, 2007

**Authors** : Mani Vasudevan, Milind Parle

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Alzheimer's Disease : CK(1677) : AC(168), Dementia : CK(275) : AC(37), Memory Disorders : CK(303) : AC(68), Memory Loss : CK(143) : AC(35)

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## Memory Loss (AC 1) (CK 2)

### Emblica officinalis (Amla) improves memory and reverses memory deficits in rats.

**Pubmed Data** : Yakugaku Zasshi. 2007 Oct;127(10):1701-7. PMID: [17917427](#)

**Article Published Date** : Oct 01, 2007

**Authors** : Mani Vasudevan, Milind Parle

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Alzheimer's Disease](#) : CK(1677) : AC(168) , [Dementia](#) : CK(275) : AC(37) , [Memory Disorders](#) : CK(303) : AC(68), [Memory Loss](#) : CK(143) : AC(35)

## Mitochondrial Dysfunction (AC 1) (CK 2)

### Amla prevents alcohol-induced brain mitochondrial dysfunction in rats.

**Pubmed Data** : J Med Food. 2011 Jan-Feb;14(1-2):62-8. Epub 2010 Dec 7. PMID: [21138366](#)

**Article Published Date** : Jan 01, 2011

**Authors** : Vaddi Damodara Reddy, Pannuru Padmavathi, Godugu Kavitha, Sriram Gopi, Nallanchakravarthula Varadacharyulu

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Alcohol Toxicity](#) : CK(214) : AC(86), [Brain Damage](#) : CK(85) : AC(39) , [Mitochondrial Dysfunction](#) : CK(188) : AC(57)

**Pharmacological Actions** : [Neuroprotective Agents](#) : CK(2168) : AC(1013)

# Mycotoxicity (AC 1) (CK 2)

**Amla (*Emblica officinalis*) ameliorates the spermatotoxic effects of the mycotoxin ochratoxin.**

**Pubmed Data** : Acta Pol Pharm. 2009 Nov-Dec;66(6):689-95. PMID: [20050533](#)

**Article Published Date** : Nov 01, 2009

**Authors** : [No authors listed]

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(80) : AC(33)

**Diseases** : Infertility: Male : CK(314) : AC(62) , Mycotoxicity : CK(15) : AC(1)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

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# Myocardial Infarction (AC 1) (CK 2)

**A combination of Bacopa, Amla (*E. officinalis*), Licorice (*G. glabra*), Indian mango (*M. indica*) and Clove (*S. aromaticum*) protect against experimentally-induced cardiac and renal damage.**

**Pubmed Data** : Phytother Res. 2005 Mar;19(3):216-21. PMID: [15934019](#)

**Article Published Date** : Mar 01, 2005

**Authors** : P A Bafna, R Balaraman

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25) , Bacopa : CK(119) : AC(18) , Clove : CK(93) : AC(48) , Licorice : CK(302) : AC(84) , Mango : CK(58) : AC(33)

**Diseases** : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76) , Myocardial Infarction : CK(3393) : AC(123)

**Pharmacological Actions** : Antioxidants : CK(6711) : AC(2004)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

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## Myocardial Ischemia (AC 2) (CK 4)

### Amla protects rat hearts against oxidative stress.

**Pubmed Data** : Phytother Res. 2004 Jan;18(1):54-60. PMID: [14750202](#)

**Article Published Date** : Jan 01, 2004

**Authors** : S Rajak, S K Banerjee, S Sood, A K Dinda, Y K Gupta, S K Gupta, S K Maulik

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Myocardial Ischemia : CK(98) : AC(39), Oxidative Stress : CK(3677) : AC(1321)

### P. emblica is capable of upregulating the PI3K/Akt/GSK3 $\beta$ / $\beta$ -catenin cardioprotective pathway, thereby preserving cardiac tissue during ischemia-reperfusion injury.

**Pubmed Data** : J Physiol Biochem. 2015 Sep 5. Epub 2015 Sep 5. PMID: [26342597](#)

**Article Published Date** : Sep 04, 2015

**Authors** : Mahesh Thirunavukkarasu, Vaithinathan Selvaraju, Leonidas Tapias, Juan A Sanchez, J Alexander Palesty, Nilanjana Maulik

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Myocardial Ischemia : CK(98) : AC(39)

**Pharmacological Actions** : Cardioprotective : CK(1527) : AC(383)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

## Myocarditis: Viral (AC 1) (CK 2)

### Phyllaemblicin B, a compound found within Phyllanthus emblica (amla), inhibits Coxsackie virus B3 induced apoptosis and myocarditis.

**Pubmed Data** : Antiviral Res. 2009 Aug 20. PMID: [19699238](#)

**Article Published Date** : Aug 20, 2009



**Authors** : Ya-Feng Wang, Xiao-Yan Wang, Zhe Ren, Chui-Wen Qian, Yi-Cheng Li, Kitazato Kaio, Qing-Duan Wang, Yan Zhang, Li-Yun Zheng, Jin-Hua Jiang, Chong-Ren Yang, Qing Liu, Ying-Jun Zhang, Yi-Fei Wang

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(80) : AC(33)

**Diseases** : [Myocarditis: Viral](#) : CK(31) : AC(9)

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## Osteoarthritis (AC 1) (CK 1)

**Phyllanthus emblica (amla) fruits are a chondroprotective agent in osteoarthritis therapy.**

**Pubmed Data** : Evid Based Complement Alternat Med. 2008 Sep;5(3):329-335. PMID: [18830448](#)

**Article Published Date** : Sep 01, 2008

**Authors** : Venil N Sumantran, Asavari Kulkarni, Rucha Chandwaskar, Abhay Harsulkar, Bhushan Patwardhan, Arvind Chopra, Ulhas V Wagh

**Study Type** : In Vitro Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Osteoarthritis](#) : CK(696) : AC(103)

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## Ovarian Cancer (AC 2) (CK 4)

**Amla extract may prove useful as an alternative or adjunct therapeutic approach in helping to fight ovarian cancer.**

**Pubmed Data** : PLoS One. 2013 ;8(8):e72748. Epub 2013 Aug 15. PMID: [24133573](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Alok De, Archana De, Chris Papasian, Shane Hentges, Snigdha Banerjee, Inamul Haque, Sushanta K Banerjee

**Study Type** : Animal Study, In Vitro Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Ovarian Cancer : CK(197) : AC(65)

**Pharmacological Actions** : Anti-Angiogenic : CK(164) : AC(108), Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208)

**Additional Keywords** : Chemotherapeutic Synergy: Cisplatin : CK(33) : AC(27) , Dose Response : CK(782) : AC(281), Plant Extracts : CK(6992) : AC(2315)

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## Amla extract modulates cancer cells and the tumor microenvironment.

**Pubmed Data** : Oncotarget. 2016 Apr 25. Epub 2016 Apr 25. PMID: [27129171](#)

**Article Published Date** : Apr 24, 2016

**Authors** : Alok De, Benjamin Powers, Archana De, Jianping Zhou, Siddarth Sharma, Peter Van Veldhuizen, Ajay Bansal, Ramratan Sharma, Mukut Sharma

**Study Type** : Animal Study, In Vitro Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Ovarian Cancer : CK(197) : AC(65)

**Pharmacological Actions** : Anti-metastatic : CK(397) : AC(127), Antiproliferative : CK(2143) : AC(1208), MicroRNA modulator : CK(142) : AC(75)

**Additional Keywords** : MicroRNA modulator : CK(142) : AC(75)

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## Oxidative Stress (AC 2) (CK 4)

### Amla protects rat hearts against oxidative stress.

**Pubmed Data** : Phytother Res. 2004 Jan;18(1):54-60. PMID: [14750202](#)

**Article Published Date** : Jan 01, 2004

**Authors** : S Rajak, S K Banerjee, S Sood, A K Dinda, Y K Gupta, S K Gupta, S K Maulik

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Myocardial Ischemia : CK(98) : AC(39) , Oxidative Stress : CK(3677) : AC(1321)

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### An extract of Emblica officinalis that was rich in rutin had pancreato protective effects against alcohol toxicity.

**Pubmed Data** : J Complement Integr Med. 2014 Mar ;11(1):9-18. Epub 2014 Feb 7. PMID:

[24516008](#)

**Article Published Date** : Feb 28, 2014

**Authors** : Ravikumar Aruna, Arumugam Geetha, Periyamayagam Suguna, Vijayashankar Suganya

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25), [Rutin](#) : CK(104) : AC(32)

**Diseases** : [Alcohol Toxicity](#) : CK(214) : AC(86), [Oxidative Stress](#) : CK(3677) : AC(1321), [Pancreatitis](#) : CK(164) : AC(42)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402), [Antioxidants](#) : CK(6711) : AC(2004)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

## Pancreatitis (AC 1) (CK 2)

**An extract of *Emblica officinalis* that was rich in rutin had pancreato protective effects against alcohol toxicity.**

**Pubmed Data** : J Complement Integr Med. 2014 Mar ;11(1):9-18. Epub 2014 Feb 7. PMID:

[24516008](#)

**Article Published Date** : Feb 28, 2014

**Authors** : Ravikumar Aruna, Arumugam Geetha, Periyamayagam Suguna, Vijayashankar Suganya

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25), [Rutin](#) : CK(104) : AC(32)

**Diseases** : [Alcohol Toxicity](#) : CK(214) : AC(86), [Oxidative Stress](#) : CK(3677) : AC(1321), [Pancreatitis](#) : CK(164) : AC(42)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402), [Antioxidants](#) : CK(6711) : AC(2004)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

## Pneumonia (AC 1) (CK 2)

**Dietary supplementation with amla protects against**

## bacterial colonization of lungs on long-term feeding in experimental model.

**Pubmed Data** : Indian J Med Res. 2008 Aug;128(2):188-93. PMID: [19001683](#)

**Article Published Date** : Aug 01, 2008

**Authors** : A Saini, S Sharma, S Chhibber

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Klebsiella Infections](#) : CK(59) : AC(23), [Pneumonia](#) : CK(330) : AC(40)

**Pharmacological Actions** : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1655) : AC(604)

## Pseudomonas aeruginosa (AC 1) (CK 1)

### Emblica officinalis exhibits antibacterial activity against urinary tract pathogens.

**Pubmed Data** : Pak J Pharm Sci. 2007 Jan;20(1):32-5. PMID: [17337425](#)

**Article Published Date** : Jan 01, 2007

**Authors** : Sabahat Saeed, Perween Tariq

**Study Type** : In Vitro Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Gram-Positive Bacterial Infections](#) : CK(19) : AC(12), [Klebsiella Infections](#) : CK(59) : AC(23), [Pseudomonas aeruginosa](#) : CK(91) : AC(34), [Urinary Tract Infections](#) : CK(338) : AC(47)

**Pharmacological Actions** : [Anti-Bacterial Agents](#) : CK(1353) : AC(462)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

## Pulmonary Tuberculosis (AC 2) (CK 4)

**Emblica officinalis (amla) has a protective effect against**

## antituberculosis drug induced liver damage in a rat model.

**Pubmed Data** : Phytother Res. 2005 Mar;19(3):193-7.PMID: [15934014](#)

**Article Published Date** : Mar 01, 2005

**Authors** : S A Tasduq, P Kaisar, D K Gupta, B K Kapahi, H S Maheshwari, S Jyotsna, R K Johri

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Pulmonary Tuberculosis : CK(80) : AC(12), Tuberculosis Drug Induced Toxicity : CK(26) : AC(9)

**Pharmacological Actions** : Hepatoprotective : CK(1269) : AC(546)

**Additional Keywords** : Drug Side Effect Attenuation : CK(251) : AC(49)

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## Tinospora cordiflora (Guduchi) and Phyllanthus emblica (amla) protect against antitubercular drug induced liver damage.

**Pubmed Data** : Phytother Res. 2008 May;22(5):646-50. PMID: [18389486](#)

**Article Published Date** : May 01, 2008

**Authors** : T S Panchabhai, S V Ambarkhane, A S Joshi, B D Samant, N N Rege

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25), Guduchi : CK(32) : AC(4)

**Diseases** : Pulmonary Tuberculosis : CK(80) : AC(12), Tuberculosis Drug Induced Toxicity : CK(26) : AC(9)

**Pharmacological Actions** : Hepatoprotective : CK(1269) : AC(546)

**Additional Keywords** : Drug Side Effect Attenuation : CK(251) : AC(49)

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## Tuberculosis Drug Induced Toxicity (AC 2) (CK 4)

**Emblica officinalis (amla) has a protective effect against antituberculosis drug induced liver damage in a rat model.**

**Pubmed Data** : Phytother Res. 2005 Mar;19(3):193-7.PMID: [15934014](#)

**Article Published Date** : Mar 01, 2005

**Authors** : S A Tasduq, P Kaiser, D K Gupta, B K Kapahi, H S Maheshwari, S Jyotsna, R K Johri

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Pulmonary Tuberculosis](#) : CK(80) : AC(12), [Tuberculosis Drug Induced Toxicity](#) : CK(26) : AC(9)

**Pharmacological Actions** : [Hepatoprotective](#) : CK(1269) : AC(546)

**Additional Keywords** : [Drug Side Effect Attenuation](#) : CK(251) : AC(49)

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## **Tinospora cordiflora (Guduchi) and Phyllanthus emblica (amla) protect against antitubercular drug induced liver damage.**

**Pubmed Data** : [Phytother Res. 2008 May;22\(5\):646-50. PMID: 18389486](#)

**Article Published Date** : May 01, 2008

**Authors** : T S Panchabhai, S V Ambarkhane, A S Joshi, B D Samant, N N Rege

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25), [Guduchi](#) : CK(32) : AC(4)

**Diseases** : [Pulmonary Tuberculosis](#) : CK(80) : AC(12), [Tuberculosis Drug Induced Toxicity](#) : CK(26) : AC(9)

**Pharmacological Actions** : [Hepatoprotective](#) : CK(1269) : AC(546)

**Additional Keywords** : [Drug Side Effect Attenuation](#) : CK(251) : AC(49)

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## **Uremia (AC 1) (CK 10)**

### **Embilica officinalis (Amla) extract reduces oxidative stress in uremic patients.**

**Pubmed Data** : [Am J Chin Med. 2009;37\(1\):19-25. PMID: 19222108](#)

**Article Published Date** : Jan 01, 2009

**Authors** : Tung-Sheng Chen, Show-Yih Liou, Yen-Lin Chang

**Study Type** : Human Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Uremia](#) : CK(91) : AC(20)

**Pharmacological Actions** : [Antioxidants](#) : CK(6873) : AC(2521)

# Urinary Tract Infections (AC 1) (CK 1)

## Emblica officinalis exhibits antibacterial activity against urinary tract pathogens.

**Pubmed Data** : Pak J Pharm Sci. 2007 Jan;20(1):32-5. PMID: [17337425](#)

**Article Published Date** : Jan 01, 2007

**Authors** : Sabahat Saeed, Perween Tariq

**Study Type** : In Vitro Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Gram-Positive Bacterial Infections : CK(19) : AC(12), Klebsiella Infections : CK(59) : AC(23), Pseudomonas aeruginosa : CK(91) : AC(34), Urinary Tract Infections : CK(338) : AC(47)

**Pharmacological Actions** : Anti-Bacterial Agents : CK(1353) : AC(462)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

# Wound Healing: Delayed (AC 1) (CK 2)

## A traditional Indian medical formula containing clarified butter (ghee), flax seed oil, amla (P. emblica fruits), Shorea robusta resin and zinc (Yashada bhasma) stimulates wound healing and tissue regeneration.

**Pubmed Data** : Evid Based Complement Alternat Med. 2009 Feb 27. PMID: [19252191](#)

**Article Published Date** : Feb 27, 2009

**Authors** : Hema Sharma Datta, Shankar Kumar Mitra, Bhushan Patwardhan

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25), Flaxseed : CK(448) : AC(74), Ghee : CK(24) : AC(4), Shorea robusta : CK(2) : AC(1), Zinc : CK(939) : AC(138)

**Diseases** : Aging Skin : CK(387) : AC(93), Wound Healing: Delayed : CK(40) : AC(20)

**Additional Keywords** : Ayurvedic Formulas : CK(2) : AC(1), Regenerative Substances : CK(42) : AC(19)

## Category : Pharmacological Actions

### Analgesics: Non-Narcotic (AC 1) (CK 2)

**Amla has potent anti-pyretic and analgesic activity.**

**Pubmed Data** : J Ethnopharmacol. 2004 Nov;95(1):83-5. PMID: [15374611](#)

**Article Published Date** : Nov 01, 2004

**Authors** : James B Perianayagam, S K Sharma, Aney Joseph, A J M Christina

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(80) : AC(33)

**Diseases** : [Fever](#) : CK(87) : AC(14)

**Pharmacological Actions** : [Analgesics: Non-Narcotic](#) : CK(25) : AC(9) , [Anti-pyretic](#) : CK(28) : AC(9)

### Anti-Angiogenic (AC 1) (CK 2)

**Amla extract may prove useful as an alternative or adjunct therapeutic approach in helping to fight ovarian cancer.**

**Pubmed Data** : PLoS One. 2013 ;8(8):e72748. Epub 2013 Aug 15. PMID: [24133573](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Alok De, Archana De, Chris Papanian, Shane Hentges, Snigdha Banerjee, Inamul Haque, Sushanta K Banerjee

**Study Type** : Animal Study, In Vitro Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Ovarian Cancer](#) : CK(197) : AC(65)

**Pharmacological Actions** : [Anti-Angiogenic](#) : CK(164) : AC(108) , [Antineoplastic Agents](#) : CK(1085) :



AC(505), Antiproliferative : CK(2143) : AC(1208)

**Additional Keywords** : Chemotherapeutic Synergy: Cisplatin : CK(33) : AC(27) , Dose Response : CK(782) : AC(281), Plant Extracts : CK(6992) : AC(2315)

## Anti-Bacterial Agents (AC 1) (CK 1)

### Emblica officinalis exhibits antibacterial activity against urinary tract pathogens.

**Pubmed Data** : Pak J Pharm Sci. 2007 Jan;20(1):32-5. PMID: [17337425](#)

**Article Published Date** : Jan 01, 2007

**Authors** : Sabahat Saeed, Perween Tariq

**Study Type** : In Vitro Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Gram-Positive Bacterial Infections : CK(19) : AC(12) , Klebsiella Infections : CK(59) : AC(23), Pseudomonas aeruginosa : CK(91) : AC(34) , Urinary Tract Infections : CK(338) : AC(47)

**Pharmacological Actions** : Anti-Bacterial Agents : CK(1353) : AC(462)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

## Anti-Inflammatory Agents (AC 3) (CK 14)

### A standardized extract of *P. emblica* may provide beneficial effects in overweight/Class-1 obese adults by lowering multiple global CVD risk factors.

**Pubmed Data** : J Med Food. 2015 Apr ;18(4):415-20. Epub 2015 Mar 10. PMID: [25756303](#)

**Article Published Date** : Mar 31, 2015

**Authors** : Savita Khanna, Amitava Das, James Spieldenner, Cameron Rink, Sashwati Roy

**Study Type** : Human Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : C-Reactive Protein : CK(1443) : AC(84), Cardiovascular Diseases : CK(6898) : AC(872), Hypercholesterolemia : CK(1840) : AC(167)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Anticholesteremic Agents : CK(1014) : AC(190)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315), Risk Reduction : CK(5833) : AC(617)

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## Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26), Inflammation : CK(2751) : AC(810)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Antioxidants : CK(6711) : AC(2004), Immunomodulatory : CK(1005) : AC(201), Interleukin-1 beta downregulation : CK(350) : AC(112), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

**Problem Substances** : Arsenic : CK(82) : AC(12)

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## An extract of Emblica officinalis that was rich in rutin had pancreato protective effects against alcohol toxicity.

**Pubmed Data** : J Complement Integr Med. 2014 Mar ;11(1):9-18. Epub 2014 Feb 7. PMID: [24516008](#)

**Article Published Date** : Feb 28, 2014

**Authors** : Ravikumar Aruna, Arumugam Geetha, Periyamayagam Suguna, Vijayashankar Suganya

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25), Rutin : CK(104) : AC(32)

**Diseases** : Alcohol Toxicity : CK(214) : AC(86), Oxidative Stress : CK(3677) : AC(1321), Pancreatitis : CK(164) : AC(42)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Antioxidants : CK(6711) : AC(2004)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

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**Anti-metastatic (AC 1) (CK 2)**

## Amla extract modulates cancer cells and the tumor microenvironment.

**Pubmed Data** : Oncotarget. 2016 Apr 25. Epub 2016 Apr 25. PMID: [27129171](#)

**Article Published Date** : Apr 24, 2016

**Authors** : Alok De, Benjamin Powers, Archana De, Jianping Zhou, Siddarth Sharma, Peter Van Veldhuizen, Ajay Bansal, Ramratan Sharma, Mukut Sharma

**Study Type** : Animal Study, In Vitro Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Ovarian Cancer](#) : CK(197) : AC(65)

**Pharmacological Actions** : [Anti-metastatic](#) : CK(397) : AC(127), [Antiproliferative](#) : CK(2143) : AC(1208), [MicroRNA modulator](#) : CK(142) : AC(75)

**Additional Keywords** : [MicroRNA modulator](#) : CK(142) : AC(75)

## Anti-pyretic (AC 1) (CK 2)

### Amla has potent anti-pyretic and analgesic activity.

**Pubmed Data** : J Ethnopharmacol. 2004 Nov;95(1):83-5. PMID: [15374611](#)

**Article Published Date** : Nov 01, 2004

**Authors** : James B Perianayagam, S K Sharma, Aney Joseph, A J M Christina

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(80) : AC(33)

**Diseases** : [Fever](#) : CK(87) : AC(14)

**Pharmacological Actions** : [Analgesics: Non-Narcotic](#) : CK(25) : AC(9), [Anti-pyretic](#) : CK(28) : AC(9)

## Anticholesteremic Agents (AC 1) (CK 10)

## A standardized extract of *P. emblica* may provide beneficial effects in overweight/Class-1 obese adults by lowering multiple global CVD risk factors.

**Pubmed Data** : J Med Food. 2015 Apr ;18(4):415-20. Epub 2015 Mar 10. PMID: [25756303](#)

**Article Published Date** : Mar 31, 2015

**Authors** : Savita Khanna, Amitava Das, James Spieldenner, Cameron Rink, Sashwati Roy

**Study Type** : Human Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : C-Reactive Protein : CK(1443) : AC(84), Cardiovascular Diseases : CK(6898) : AC(872), Hypercholesterolemia : CK(1840) : AC(167)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Anticholesteremic Agents : CK(1014) : AC(190)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315), Risk Reduction : CK(5833) : AC(617)

## Antineoplastic Agents (AC 2) (CK 7)

### Amla extract may prove useful as an alternative or adjunct therapeutic approach in helping to fight ovarian cancer.

**Pubmed Data** : PLoS One. 2013 ;8(8):e72748. Epub 2013 Aug 15. PMID: [24133573](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Alok De, Archana De, Chris Papisian, Shane Hentges, Snigdha Banerjee, Inamul Haque, Sushanta K Banerjee

**Study Type** : Animal Study, In Vitro Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Ovarian Cancer : CK(197) : AC(65)

**Pharmacological Actions** : Anti-Angiogenic : CK(164) : AC(108), Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208)

**Additional Keywords** : Chemotherapeutic Synergy: Cisplatin : CK(33) : AC(27), Dose Response : CK(782) : AC(281), Plant Extracts : CK(6992) : AC(2315)

### An extract of Amla fruit inhibited human papillomavirus viral oncogenes responsible for development and

## progression of cervical cancer.

**Pubmed Data** : Nutr Cancer. 2013 ;65 Suppl 1:88-97. PMID: [23682787](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Sutapa Mahata, Arvind Pandey, Shirish Shukla, Abhishek Tyagi, Syed Akhtar Husain, Bhudev Chandra Das, Alok Chandra Bharti

**Study Type** : Human In Vitro

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cervical Cancer : CK(329) : AC(130)

**Pharmacological Actions** : Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208), Antiviral Agents : CK(862) : AC(376), Apoptotic : CK(2582) : AC(1717), Chemopreventive : CK(2477) : AC(684)

**Additional Keywords** : Epigenetic Modification : CK(193) : AC(83), Phytotherapy : CK(971) : AC(160), Plant Extracts : CK(6992) : AC(2315)

## Antioxidants (AC 5) (CK 18)

**A combination of Bacopa, Amla (*E. officinalis*), Licorice (*G. glabra*), Indian mango (*M. indica*) and Clove (*S. aromaticum*) protect against experimentally-induced cardiac and renal damage.**

**Pubmed Data** : Phytother Res. 2005 Mar;19(3):216-21. PMID: [15934019](#)

**Article Published Date** : Mar 01, 2005

**Authors** : P A Bafna, R Balaraman

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25), Bacopa : CK(119) : AC(18), Clove : CK(93) : AC(48), Licorice : CK(302) : AC(84), Mango : CK(58) : AC(33)

**Diseases** : Chemotherapy-Induced Toxicity: Cisplatin : CK(274) : AC(76), Myocardial Infarction : CK(3393) : AC(123)

**Pharmacological Actions** : Antioxidants : CK(6711) : AC(2004)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

**Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.**

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Arsenic Poisoning](#) : CK(84) : AC(26) , [Inflammation](#) : CK(2751) : AC(810)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402) , [Antioxidants](#) : CK(6711) : AC(2004) , [Immunomodulatory](#) : CK(1005) : AC(201) , [Interleukin-1 beta downregulation](#) : CK(350) : AC(112) , [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1556) : AC(567)

**Problem Substances** : [Arsenic](#) : CK(82) : AC(12)

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## Amla leaf extract might have therapeutic application for protecting against arsenic-mediated toxicity.

**Pubmed Data** : Nagoya J Med Sci. 2015 Feb ;77(1-2):145-53. PMID: [25797979](#)

**Article Published Date** : Jan 31, 2015

**Authors** : Sadia Sayed, Nazmul Ahsan, Masashi Kato, Nobutaka Ohgami, Abdur Rashid, Anwarul Azim Akhand

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Arsenic Poisoning](#) : CK(84) : AC(26)

**Pharmacological Actions** : [Antioxidants](#) : CK(6873) : AC(2521) , [Hepatoprotective](#) : CK(1058) : AC(466) , [Renoprotective](#) : CK(222) : AC(106)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

**Problem Substances** : [Arsenite](#) : CK(2) : AC(2)

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## An extract of Emblica officinalis that was rich in rutin had pancreato protective effects against alcohol toxicity.

**Pubmed Data** : J Complement Integr Med. 2014 Mar ;11(1):9-18. Epub 2014 Feb 7. PMID: [24516008](#)

**Article Published Date** : Feb 28, 2014

**Authors** : Ravikumar Aruna, Arumugam Geetha, Periyannayagam Suguna, Vijayashankar Suganya

**Study Type** : Animal Study

**Additional Links**

**Substances** : [Amla Fruit](#) : CK(56) : AC(25) , [Rutin](#) : CK(104) : AC(32)

**Diseases** : [Alcohol Toxicity](#) : CK(214) : AC(86) , [Oxidative Stress](#) : CK(3677) : AC(1321) , [Pancreatitis](#) : CK(164) : AC(42)

**Pharmacological Actions** : [Anti-Inflammatory Agents](#) : CK(4010) : AC(1402) , [Antioxidants](#) : CK(6711) : AC(2004)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

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## Embilica officinalis (Amla) extract reduces oxidative stress in uremic patients.

**Pubmed Data** : Am J Chin Med. 2009;37(1):19-25. PMID: [19222108](#)

**Article Published Date** : Jan 01, 2009

**Authors** : Tung-Sheng Chen, Show-Yih Liou, Yen-Lin Chang

**Study Type** : Human Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Uremia : CK(91) : AC(20)

**Pharmacological Actions** : Antioxidants : CK(6873) : AC(2521)

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## Antiproliferative (AC 3) (CK 9)

### Amla extract may prove useful as an alternative or adjunct therapeutic approach in helping to fight ovarian cancer.

**Pubmed Data** : PLoS One. 2013 ;8(8):e72748. Epub 2013 Aug 15. PMID: [24133573](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Alok De, Archana De, Chris Papasian, Shane Hentges, Snigdha Banerjee, Inamul Haque, Sushanta K Banerjee

**Study Type** : Animal Study, In Vitro Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Ovarian Cancer : CK(197) : AC(65)

**Pharmacological Actions** : Anti-Angiogenic : CK(164) : AC(108), Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208)

**Additional Keywords** : Chemotherapeutic Synergy: Cisplatin : CK(33) : AC(27), Dose Response : CK(782) : AC(281), Plant Extracts : CK(6992) : AC(2315)

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### Amla extract modulates cancer cells and the tumor microenvironment.

**Pubmed Data** : Oncotarget. 2016 Apr 25. Epub 2016 Apr 25. PMID: [27129171](#)

**Article Published Date** : Apr 24, 2016

**Authors** : Alok De, Benjamin Powers, Archana De, Jianping Zhou, Siddarth Sharma, Peter Van

Veldhuizen, Ajay Bansal, Ramratan Sharma, Mukut Sharma

**Study Type** : Animal Study, In Vitro Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Ovarian Cancer : CK(197) : AC(65)

**Pharmacological Actions** : Anti-metastatic : CK(397) : AC(127), Antiproliferative : CK(2143) : AC(1208), MicroRNA modulator : CK(142) : AC(75)

**Additional Keywords** : MicroRNA modulator : CK(142) : AC(75)

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## An extract of Amla fruit inhibited human papillomavirus viral oncogenes responsible for development and progression of cervical cancer.

**Pubmed Data** : Nutr Cancer. 2013 ;65 Suppl 1:88-97. PMID: [23682787](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Sutapa Mahata, Arvind Pandey, Shirish Shukla, Abhishek Tyagi, Syed Akhtar Husain, Bhudev Chandra Das, Alok Chandra Bharti

**Study Type** : Human In Vitro

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cervical Cancer : CK(329) : AC(130)

**Pharmacological Actions** : Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208), Antiviral Agents : CK(862) : AC(376), Apoptotic : CK(2582) : AC(1717), Chemopreventive : CK(2477) : AC(684)

**Additional Keywords** : Epigenetic Modification : CK(193) : AC(83), Phytotherapy : CK(971) : AC(160), Plant Extracts : CK(6992) : AC(2315)

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## Antiviral Agents (AC 1) (CK 5)

### An extract of Amla fruit inhibited human papillomavirus viral oncogenes responsible for development and progression of cervical cancer.

**Pubmed Data** : Nutr Cancer. 2013 ;65 Suppl 1:88-97. PMID: [23682787](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Sutapa Mahata, Arvind Pandey, Shirish Shukla, Abhishek Tyagi, Syed Akhtar Husain, Bhudev Chandra Das, Alok Chandra Bharti

**Study Type** : Human In Vitro



### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cervical Cancer : CK(329) : AC(130)

**Pharmacological Actions** : Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208), Antiviral Agents : CK(862) : AC(376), Apoptotic : CK(2582) : AC(1717), Chemopreventive : CK(2477) : AC(684)

**Additional Keywords** : Epigenetic Modification : CK(193) : AC(83), Phytotherapy : CK(971) : AC(160), Plant Extracts : CK(6992) : AC(2315)

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## Apoptotic (AC 1) (CK 5)

**An extract of Amla fruit inhibited human papillomavirus viral oncogenes responsible for development and progression of cervical cancer.**

**Pubmed Data** : Nutr Cancer. 2013 ;65 Suppl 1:88-97. PMID: [23682787](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Sutapa Mahata, Arvind Pandey, Shirish Shukla, Abhishek Tyagi, Syed Akhtar Husain, Bhudev Chandra Das, Alok Chandra Bharti

**Study Type** : Human In Vitro

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Cervical Cancer : CK(329) : AC(130)

**Pharmacological Actions** : Antineoplastic Agents : CK(1085) : AC(505), Antiproliferative : CK(2143) : AC(1208), Antiviral Agents : CK(862) : AC(376), Apoptotic : CK(2582) : AC(1717), Chemopreventive : CK(2477) : AC(684)

**Additional Keywords** : Epigenetic Modification : CK(193) : AC(83), Phytotherapy : CK(971) : AC(160), Plant Extracts : CK(6992) : AC(2315)

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## Cardioprotective (AC 1) (CK 2)

**P. emblica is capable of upregulating the PI3K/Akt/GSK3 $\beta$ / $\beta$ -catenin cardioprotective pathway,**

## thereby preserving cardiac tissue during ischemia-reperfusion injury.

**Pubmed Data** : J Physiol Biochem. 2015 Sep 5. Epub 2015 Sep 5. PMID: [26342597](#)

**Article Published Date** : Sep 04, 2015

**Authors** : Mahesh Thirunavukkarasu, Vaithinathan Selvaraju, Leonidas Tapias, Juan A Sanchez, J Alexander Palesty, Nilanjana Maulik

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Myocardial Ischemia](#) : CK(98) : AC(39)

**Pharmacological Actions** : [Cardioprotective](#) : CK(1527) : AC(383)

**Additional Keywords** : [Plant Extracts](#) : CK(6992) : AC(2315)

## Chemopreventive (AC 1) (CK 5)

### An extract of Amla fruit inhibited human papillomavirus viral oncogenes responsible for development and progression of cervical cancer.

**Pubmed Data** : Nutr Cancer. 2013 ;65 Suppl 1:88-97. PMID: [23682787](#)

**Article Published Date** : Dec 31, 2012

**Authors** : Sutapa Mahata, Arvind Pandey, Shirish Shukla, Abhishek Tyagi, Syed Akhtar Husain, Bhudev Chandra Das, Alok Chandra Bharti

**Study Type** : Human In Vitro

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Cervical Cancer](#) : CK(329) : AC(130)

**Pharmacological Actions** : [Antineoplastic Agents](#) : CK(1085) : AC(505), [Antiproliferative](#) : CK(2143) : AC(1208), [Antiviral Agents](#) : CK(862) : AC(376), [Apoptotic](#) : CK(2582) : AC(1717), [Chemopreventive](#) : CK(2477) : AC(684)

**Additional Keywords** : [Epigenetic Modification](#) : CK(193) : AC(83), [Phytotherapy](#) : CK(971) : AC(160), [Plant Extracts](#) : CK(6992) : AC(2315)

## Hepatoprotective (AC 4) (CK 8)

## Amla exhibits antihyperglycemic and hepato-renal protective properties in fluoride induced toxicity.

**Pubmed Data** : J Pharm Bioallied Sci. 2012 Jul ;4(3):250-4. PMID: [22923969](#)

**Article Published Date** : Jun 30, 2012

**Authors** : Rupal A Vasant, A V R L Narasimhacharya

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Fluoride Toxicity : CK(149) : AC(43)

**Pharmacological Actions** : Hepatoprotective : CK(1269) : AC(546), Hypoglycemic Agents : CK(1190) : AC(268), Renoprotective : CK(222) : AC(106)

**Problem Substances** : Fluoride : CK(270) : AC(48)

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## Amla leaf extract might have therapeutic application for protecting against arsenic-mediated toxicity.

**Pubmed Data** : Nagoya J Med Sci. 2015 Feb ;77(1-2):145-53. PMID: [25797979](#)

**Article Published Date** : Jan 31, 2015

**Authors** : Sadia Sayed, Nazmul Ahsan, Masashi Kato, Nobutaka Ohgami, Abdur Rashid, Anwarul Azim Akhand

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26)

**Pharmacological Actions** : Antioxidants : CK(6873) : AC(2521), Hepatoprotective : CK(1058) : AC(466), Renoprotective : CK(222) : AC(106)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

**Problem Substances** : Arsenite : CK(2) : AC(2)

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## Emblica officinalis (amla) has a protective effect against antituberculosis drug induced liver damage in a rat model.

**Pubmed Data** : Phytother Res. 2005 Mar;19(3):193-7.PMID: [15934014](#)

**Article Published Date** : Mar 01, 2005

**Authors** : S A Tasduq, P Kaiser, D K Gupta, B K Kapahi, H S Maheshwari, S Jyotsna, R K Johri

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Pulmonary Tuberculosis : CK(80) : AC(12), Tuberculosis Drug Induced Toxicity : CK(26) :

AC(9)

**Pharmacological Actions** : Hepatoprotective : CK(1269) : AC(546)

**Additional Keywords** : Drug Side Effect Attenuation : CK(251) : AC(49)

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## Tinospora cordiflora (Guduchi) and Phyllanthus emblica (amla) protect against antitubercular drug induced liver damage.

**Pubmed Data** : Phytother Res. 2008 May;22(5):646-50. PMID: [18389486](#)

**Article Published Date** : May 01, 2008

**Authors** : T S Panchabhai, S V Ambarkhane, A S Joshi, B D Samant, N N Rege

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25), Guduchi : CK(32) : AC(4)

**Diseases** : Pulmonary Tuberculosis : CK(80) : AC(12), Tuberculosis Drug Induced Toxicity : CK(26) : AC(9)

**Pharmacological Actions** : Hepatoprotective : CK(1269) : AC(546)

**Additional Keywords** : Drug Side Effect Attenuation : CK(251) : AC(49)

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## Hypoglycemic Agents (AC 1) (CK 2)

### Amla exhibits antihyperglycemic and hepato-renal protective properties in fluoride induced toxicity.

**Pubmed Data** : J Pharm Bioallied Sci. 2012 Jul ;4(3):250-4. PMID: [22923969](#)

**Article Published Date** : Jun 30, 2012

**Authors** : Rupal A Vasant, A V R L Narasimhacharya

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Fluoride Toxicity : CK(149) : AC(43)

**Pharmacological Actions** : Hepatoprotective : CK(1269) : AC(546), Hypoglycemic Agents : CK(1190) : AC(268), Renoprotective : CK(222) : AC(106)

**Problem Substances** : Fluoride : CK(270) : AC(48)

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# Immunomodulatory (AC 1) (CK 2)

## Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26) , Inflammation : CK(2751) : AC(810)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402) , Antioxidants : CK(6711) : AC(2004), Immunomodulatory : CK(1005) : AC(201), Interleukin-1 beta downregulation : CK(350) : AC(112), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

**Problem Substances** : Arsenic : CK(82) : AC(12)

# Interleukin-1 beta downregulation (AC 1) (CK 2)

## Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

### Additional Links

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26) , Inflammation : CK(2751) : AC(810)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402) , Antioxidants : CK(6711) : AC(2004), Immunomodulatory : CK(1005) : AC(201), Interleukin-1 beta downregulation : CK(350) : AC(112), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

**Problem Substances** : Arsenic : CK(82) : AC(12)

## MicroRNA modulator (AC 1) (CK 2)

### Amla extract modulates cancer cells and the tumor microenvironment.

**Pubmed Data** : Oncotarget. 2016 Apr 25. Epub 2016 Apr 25. PMID: [27129171](#)

**Article Published Date** : Apr 24, 2016

**Authors** : Alok De, Benjamin Powers, Archana De, Jianping Zhou, Siddarth Sharma, Peter Van Veldhuizen, Ajay Bansal, Ramratan Sharma, Mukut Sharma

**Study Type** : Animal Study, In Vitro Study

#### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Ovarian Cancer](#) : CK(197) : AC(65)

**Pharmacological Actions** : [Anti-metastatic](#) : CK(397) : AC(127), [Antiproliferative](#) : CK(2143) : AC(1208), [MicroRNA modulator](#) : CK(142) : AC(75)

**Additional Keywords** : [MicroRNA modulator](#) : CK(142) : AC(75)

## Neuroprotective Agents (AC 2) (CK 4)

### Amla prevents alcohol-induced brain mitochondrial dysfunction in rats.

**Pubmed Data** : J Med Food. 2011 Jan-Feb;14(1-2):62-8. Epub 2010 Dec 7. PMID: [21138366](#)

**Article Published Date** : Jan 01, 2011

**Authors** : Vaddi Damodara Reddy, Pannuru Padmavathi, Godugu Kavitha, Sriram Gopi, Nallanchakravarthula Varadacharyulu

**Study Type** : Animal Study

#### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Alcohol Toxicity](#) : CK(214) : AC(86), [Brain Damage](#) : CK(85) : AC(39), [Mitochondrial Dysfunction](#) : CK(188) : AC(57)

**Pharmacological Actions** : [Neuroprotective Agents](#) : CK(2168) : AC(1013)

## Tannoid principles of *E. officinalis* may be a promising therapy in ameliorating neurotoxicity of aluminum.

**Pubmed Data** : Nutr Neurosci. 2015 Apr 4. Epub 2015 Apr 4. PMID: [25842984](#)

**Article Published Date** : Apr 03, 2015

**Authors** : Arokiasamy Justin Thenmozhi, Mathiyazahan Dhivyabharathi, Tharsius Raja William Raja, Thamilarasan Manivasagam, Musthafa Mohamed Essa

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Aluminum Toxicity](#) : CK(114) : AC(40), [Alzheimer's Disease](#) : CK(1677) : AC(168)

**Pharmacological Actions** : [Neuroprotective Agents](#) : CK(2127) : AC(919)

**Additional Keywords** : [Significant Treatment Outcome](#) : CK(2720) : AC(334)

**Problem Substances** : [Aluminum Chloride](#) : CK(1) : AC(1)

## Renoprotective (AC 2) (CK 4)

### Amla exhibits antihyperglycemic and hepato-renal protective properties in fluoride induced toxicity.

**Pubmed Data** : J Pharm Bioallied Sci. 2012 Jul ;4(3):250-4. PMID: [22923969](#)

**Article Published Date** : Jun 30, 2012

**Authors** : Rupal A Vasant, A V R L Narasimhacharya

**Study Type** : Animal Study

### Additional Links

**Substances** : [Amla Fruit](#) : CK(56) : AC(25)

**Diseases** : [Fluoride Toxicity](#) : CK(149) : AC(43)

**Pharmacological Actions** : [Hepatoprotective](#) : CK(1269) : AC(546), [Hypoglycemic Agents](#) : CK(1190) : AC(268), [Renoprotective](#) : CK(222) : AC(106)

**Problem Substances** : [Fluoride](#) : CK(270) : AC(48)

### Amla leaf extract might have therapeutic application for protecting against arsenic-mediated toxicity.

**Pubmed Data** : Nagoya J Med Sci. 2015 Feb ;77(1-2):145-53. PMID: [25797979](#)

**Article Published Date** : Jan 31, 2015

**Authors** : Sadia Sayed, Nazmul Ahsan, Masashi Kato, Nobutaka Ohgami, Abdur Rashid, Anwarul Azim Akhand

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26)

**Pharmacological Actions** : Antioxidants : CK(6873) : AC(2521), Hepatoprotective : CK(1058) : AC(466), Renoprotective : CK(222) : AC(106)

**Additional Keywords** : Plant Extracts : CK(6992) : AC(2315)

**Problem Substances** : Arsenite : CK(2) : AC(2)

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## Tumor Necrosis Factor (TNF) Alpha Inhibitor (AC 2) (CK 4)

### Amla fruit provides protection against arsenics induced inflammation and immunotoxicity.

**Pubmed Data** : Springerplus. 2015 ;4:438. Epub 2015 Aug 21. PMID: [26312203](#)

**Article Published Date** : Dec 31, 2014

**Authors** : Manish K Singh, Suraj Singh Yadav, Rajesh Singh Yadav, Abhishek Chauhan, Devendra Katiyar, Sanjay Khattri

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)

**Diseases** : Arsenic Poisoning : CK(84) : AC(26) , Inflammation : CK(2751) : AC(810)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4010) : AC(1402), Antioxidants : CK(6711) : AC(2004), Immunomodulatory : CK(1005) : AC(201), Interleukin-1 beta downregulation : CK(350) : AC(112), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

**Problem Substances** : Arsenic : CK(82) : AC(12)

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### Dietary supplementation with amla protects against bacterial colonization of lungs on long-term feeding in experimental model.

**Pubmed Data** : Indian J Med Res. 2008 Aug;128(2):188-93. PMID: [19001683](#)

**Article Published Date** : Aug 01, 2008

**Authors** : A Saini, S Sharma, S Chhibber

**Study Type** : Animal Study

**Additional Links**

**Substances** : Amla Fruit : CK(56) : AC(25)



**Diseases** : [Klebsiella Infections](#) : CK(59) : AC(23) , [Pneumonia](#) : CK(330) : AC(40)

**Pharmacological Actions** : [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor](#) : CK(1655) : AC(604)

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