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Protective effects of panax notoginseng saponin on dextran sulfate



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### Qingchang Suppository Ameliorates Colonic Vascular ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6220057>

Oct 31, 2018 - **Qingchang Suppository** (QCS) has been used in treating rectitis and colitis for about 30 years in Shanghai, China. Its satisfactory **clinical effects** have been proved. The aim of this study is to investigate the **effect** and mechanisms of QCS on colonic vascular endothelial barrier in **dextran sulfate sodium** (DSS)-induced colitis.

### Effects of initiating time and dosage of Panax notoginseng ...

[https://www.researchgate.net/publication/321976124\\_Effects\\_of\\_initiating\\_time\\_and...](https://www.researchgate.net/publication/321976124_Effects_of_initiating_time_and...)

AIM To investigate the **effects** of **Panax notoginseng** (PN) on microvascular injury in **colitis**, its mechanisms, initial administration time and dosage. ... motility of **dextran sulfate** sodium-induced ...

### Role of ginsenosides, the main active components of Panax ...

<https://www.sciencedirect.com/science/article/pii/S1226845316301282>

According to the results of many in vitro studies, ginsenosides exert **anti-inflammatory** activities in a variety of in vivo animal models of inflammatory diseases, and show promising protective effects in animal models of colitis, **alcohol-induced hepatitis**, **IR injury**, and impaired memory diseases. Furthermore, the biological activities of ginsenoside metabolites, such as CK, G-Rh1, and G-Rh2, have been observed ...

Cited by: 97 Author: Ji Hye Kim, Young-Su Yi, Mi-Yeon Kim, J...

Publish Year: 2017

### Notoginsenoside R1 Attenuates Experimental Inflammatory ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4293438>

Jul 30, 2014 - The present study demonstrated that R1 alleviated the **severity of dextran sulfate sodium-induced colitis** in mice by decreasing the activity of myeloperoxidase, the production of cytokines, the expression of proinflammatory genes, and the phosphorylation of I $\kappa$ B kinase, I $\kappa$ B $\alpha$ , and p65 in the colon. Further studies indicated that R1 dose-dependently activated human/mouse **pregnane X receptor** (PXR...

Cited by: 34 Author: Jingjing Zhang, Lili Ding, Baocan Wang, ...

Publish Year: 2015

### Panax notoginseng saponins attenuate atherosclerosis via ...

[https://www.researchgate.net/publication/225290478\\_Panax\\_notoginseng\\_saponins...](https://www.researchgate.net/publication/225290478_Panax_notoginseng_saponins...)

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 52667

**Manuscript Type:** ORIGINAL ARTICLE

### *Basic Study*

**Protective effects of panax notoginseng saponin on dextran sulfate sodium-induced colitis rats through PI3K/AKT signal pathway inhibition**

Lu QG *et al.* Protective effects of panax notoginseng saponin

Qing-Ge Lu, Li Zeng, Xiao-Hai Li, Yu Liu, Xue-Feng Du, Guo-Min Bai, Xin Yan

### **Abstract**

#### Match Overview

1	<b>Crossref</b> 38 words Qiu, Yanhua, Tao Li, Hui Li, and Yunxia Zuo. "Continuous Spinal Cord Stimulation Reduced Cardiac Ischaemia/Rep ...	1%
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## Protective effects of Panax notoginseng saponins in a rat ...

<https://journals.sagepub.com/doi/full/10.1177/2058738418818630>

Dec 19, 2018 - **Panax notoginseng saponins** are extracted from Chinese ginseng—**Panax notoginseng** Ledeb—and are known to have therapeutic anti-inflammatory effects. However, the precise mechanism behind their anti-inflammatory effects remains relatively unknown. To better understand how **Panax notoginseng saponins** exert their therapeutic benefit, we tested them in a rat model of severe ...

Author: Ming-wei Liu, Yun-qiao Huang, Ya-pin... Publish Year: 2018

## Saponins regulate intestinal inflammation in colon cancer ...

<https://www.sciencedirect.com/science/article/pii/S1043661818319613>

5. Effects of saponins on colitis-associated colorectal cancer. Recurrent and chronic intestinal inflammation is necessary for colitis-associated colorectal cancer (CACRC) development, and studies have shown that up to 25% of colorectal tumors may be caused by chronic intestinal inflammation .

Author: Jianyi Dong, Wei Liang, Tianxiao Wan... Publish Year: 2019

## Qingchang Suppository Ameliorates Colonic Vascular ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6220057>

Qingchang Suppository (QCS) has been used in treating rectitis and colitis for about 30 years in Shanghai, China. Its satisfactory clinical effects have been proved. The aim of this study is to investigate the effect and mechanisms of QCS on colonic vascular endothelial barrier in dextran sulfate sodium (DSS)-induced colitis.

Cited by: 1 Author: Boyun Sun, Jianye Yuan, Shiyong Wang, ...

Publish Year: 2018

## Panax notoginseng for Inflammation-Related Chronic ...

<https://www.worldscientific.com/doi/abs/10.1142/S0192415X18500519>

Protective effect of Panax notoginseng saponins on acute ethanol-induced liver injury is associated with ameliorating hepatic lipid accumulation and reducing ethanol-mediated oxidative stress. J. Agric. Food Chem. 63: 2413–2422, 2015. Crossref, Medline, Google Scholar; Du, J...

Cited by: 2 Author: Yu Xu, Hor-Yue Tan, Sha Li, Ning Wang, ...

Publish Year: 2018

## Panax notoginseng Attenuates Experimental Colitis in the ...

[https://www.researchgate.net/publication/258061934\\_Panax\\_notoginseng\\_Attenuates...](https://www.researchgate.net/publication/258061934_Panax_notoginseng_Attenuates...)

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### Saponins regulate intestinal inflammation in colon cancer ...

<https://www.sciencedirect.com/science/article/pii/S1043661818319613>

In the colitis model induced by 2-, 4-, 6-trinitrobenzenesulfonic acid (TNBS) or dextran sulfate sodium (DSS), the inflamed colonic sites showed thickening of the **bowel wall**, **dilation**, **hyperemia**, **edema**, **mucosal erosions**, **necrosis**, **ulcers**, adhesion to surrounding tissues, **goblet cell depletion**, and **severe transmural inflammation** .

**Author:** Jianyi Dong, Wei Liang, Tianxiao Wan... **Publish Year:** 2019

### Panax notoginseng Attenuates Experimental Colitis in the ...

[https://www.researchgate.net/publication/258061934\\_Panax\\_notoginseng\\_Attenuates...](https://www.researchgate.net/publication/258061934_Panax_notoginseng_Attenuates...)

**Panax notoginseng** decreased the expression of **iNOS** and **COX-2** in the azoxymethane (**AOM**)/**dextran sulfate sodium (DSS)** mouse model, suggesting the usefulness of **P. notoginseng** in the prevention and ...

### Panax notoginseng and its components decreased ...

[https://www.researchgate.net/publication/221742844\\_Panax\\_notoginseng\\_and\\_its...](https://www.researchgate.net/publication/221742844_Panax_notoginseng_and_its...)

**Panax notoginseng** and its components decreased hypertension via stimulation of endothelial-dependent vessel dilatation ... in **Dextran-Sulfate-Sodium-Induced Colitis**. ... **saponin** ...

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