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**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**Hepatoprotective effects of *Hovenia dulcis* seeds against alcoholic liver injury and related mechanisms investigated *via* network pharmacology**

Meng X *et al.* *Hovenia dulcis* seeds and liver injury

Xiao Meng, Guo-Yi Tang, Cai-Ning Zhao, Qing Liu, Xiao-Yu Xu, Shi-Yu Cao

**Abstract**

**BACKGROUND**

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Hepatoprotective effects of Hovenia dulcis seeds against



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(PDF) Hepatoprotective Effect of Hovenia dulcis THUNB. on ...

<https://www.researchgate.net/publication/14073672...>

The **hepatoprotective effects** of the fruits of **Hovenia dulcis** THUNB. on chemically or immunologically induced experimental **liver injury** models were examined.

Hepatoprotective Effects of Hovenia dulcis Extract on ...

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Objectives : The purpose of this study was to evaluate the **hepatoprotective effect** of **Hovenia dulcis** extract on acute **and** chronic **liver** injuries induced by **alcohol** and in mice and rats.

Hepatoprotective effect of gastrodin against alcohol ...

[https://www.researchgate.net/publication/327814028\\_Hepatoprotective\\_effect\\_of...](https://www.researchgate.net/publication/327814028_Hepatoprotective_effect_of...)

**Alcoholic liver** disease (ALD) is a common and serious threat to human health worldwide. In this study, the **hepatoprotective effect** of gastrodin **against alcohol**-induced **liver injury** in mice was ...

Dihydromyricetin alleviates acetaminophen-induced liver ...

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## [Hepatoprotective Effects of Hovenia dulcis ... - ResearchGate](https://www.researchgate.net/publication/263625745)

[https://www.researchgate.net/publication/263625745...](https://www.researchgate.net/publication/263625745)

The present study was to investigate the **effect** of bicyclol on acute **alcohol-induced liver injury and related mechanisms** in mice. Bicyclol (200, 300 mg/kg) was given to mice by gavage for three times.

## [Hepatoprotective effects of hoveniae semen cum fructus ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4899896)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4899896>

Mar 31, 2016 · INTRODUCTION. The **liver** is an important organ actively involved in metabolic functions and is a frequent target of a number of toxicants<sup>1</sup>. It is well known that a substantial increase in steatosis and fibrosis usually leads to potentially lethal cirrhosis of the **liver** in humans <sup>2</sup>.**Alcohol-related disorders** are one of the challenging current health problems with far reaching medical, social, and ...

Cited by: 8

Author: Il Je Cho, Joo Wan Kim, Jai Jun Jung, So...

Publish Year: 2016

## [\(PDF\) Hepatoprotective Effect of Hovenia dulcis THUNB. on ...](https://www.researchgate.net/publication/14073672)

[https://www.researchgate.net/publication/14073672...](https://www.researchgate.net/publication/14073672)

Hepatoprotective effect of celosian, an acidic polysaccharide isolated from the water extract of the seed of *Celosia argentea*, was **investigated** using chemical and immunological **liver injury** models.

## [Hepatoprotective effect of gastrodin against alcohol ...](https://www.researchgate.net/publication/327814028)

[https://www.researchgate.net/publication/327814028...](https://www.researchgate.net/publication/327814028)

Alcoholic liver disease (ALD) is a common and serious threat to human health worldwide. In this study, the **hepatoprotective effect of gastrodin against alcohol-induced liver injury** in mice was ...

## [Semen Hoveniae extract protects against acute alcohol ...](https://www.researchgate.net/publication/45438083)

[https://www.researchgate.net/publication/45438083...](https://www.researchgate.net/publication/45438083)

The protective effects of Semen Hoveniae extract (SHE) from *Hovenia dulcis* Thunb. (Rhamnaceae) on acute **alcohol-induced liver injury** were **investigated** in vivo using mice as test models.

## [Dihydromyricetin alleviates acetaminophen-induced liver ...](https://www.sciencedirect.com/science/article/pii/S0024320519302693)

<https://www.sciencedirect.com/science/article/pii/S0024320519302693>

Aims. We previously reported that *Hovenia dulcis* Thunb. extract, a traditional Chinese medicine rich in dihydromyricetin (DHM), exhibited a significant **hepatoprotective effect against acetaminophen**



Hepatoprotective effects of Hovenia dulcis seeds against



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### [Hepatoprotective effect of Hovenia dulcis THUNB. on ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/9145214>

The **hepatoprotective effects** of the fruits of **Hovenia dulcis** THUNB. on chemically or immunologically induced experimental **liver injury** models were examined. The methanol extract showed significant **hepatoprotective activity against** CCl<sub>4</sub>-toxicity in rats and D-galactosamine (D-GalN)/lipopolysaccharide-induced **liver injury** in mice.

**Cited by:** 138

**Author:** Kouji Hase, Kouji Hase, Mizue Ohsugi, Q...

**Publish Year:** 1997

### [Hepatoprotective Effects of Hovenia dulcis ... - ResearchGate](#)

<https://www.researchgate.net/publication/263625745...>

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