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作者: SB Singh - 2015 - [相关文章](#)

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31, Kv7 (KCNQ) potassium channels and related diseases ^{Hot!} ... Sal and Tyr significantly prevented the cerebral ischemic injury induced by 2 h middle ... DL0309 prominently inhibited LPS-induced the activation of NF-κB in glia cells via reverse these mucosal damage induced by water immersion restraint stress 6 h, ...

[PDF] 6 International Symposium on Cell/Tissue Injury and Cytoprotection ...

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2011年10月12日 - Session: Mechanisms of NSAID-induced tissue injury (Part 1) ... CRF MAY PROTECT THE GASTRIC MUCOSA IN STRESS animals by model of water immersion and restraint ... molecules including ATP-sensitive K⁺ (KATP) channels ... channel-dependent membrane currents, and that H₂S causes.

Lipid peroxidation, reactive oxygen species and antioxidative factors ...

https://www.researchgate.net/.../267871352_Lipid_peroxidation_reactive_oxygen_speci...

The pathogenesis of gastric mucosal damage includes reactive oxygen ... Hydrogen peroxide is further metabolized to water in the presence of ... of stress - induced functional disturbances in the gastric

Name of journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 29477

Manuscript Type: ORIGINAL ARTICLE

Basic study

Hydrogen sulfide attenuates gastric mucosal injury induced by restraint water-immersion stress via activation of K_{ATP} channel and NF-κB dependent pathway

Sun HZ *et al.* Hydrogen sulfide and gastric mucosal injury

Hong-Zhao Sun, Shan Zheng, Kai Lu, Feng-Tian Hou, Jie-Xue Bi, Xue-Lian Liu, Shan-Shan Wang

Hong-Zhao Sun, Shan Zheng, Kai Lu, Feng-Tian Hou, Jie-Xue Bi, Xue-Lian Liu, Shan-Shan Wang, College of Life Science, Qi Lu Normal University, Zhangqiu 250200, Jinan Province, China

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K Kang, M Zhao, H Jiang, G Tan, S Pan... - Liver ..., 2009 - Wiley Online Library
 ... The homogenates were resolved on polyacrylamide sodium dodecyl sulfate gels and electrophoretically transferred ... Abbreviations: CSE, cystathionine γ -lyase; H₂S, hydrogen sulfide; HIR, hepatic ischemia ... that administration of NaHS, a donor of H₂S, attenuates HIR-induced ...
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M Magierowski, K Magierowska, S Kwiecien... - Molecules, 2015 - mdpi.com
 ... hypothesized to initiate UC in humans and the prolonged production of bacterial NO with sulphide could contribute ... Figure 2. Simplified hydrogen sulfide synthesis pathway: ... It has been shown that H₂S protected the small intestine against dextran sodium sulfate (DSS)-induced ...
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SB Singh, HC Lin - Microorganisms, 2015 - mdpi.com
 ... supported by the finding that Bilophila wadsworthia, a sulfite-reducing bacteria that generates H₂S ... Peck, HD Enzymatic basis for assimilatory and dissimilatory sulfate reduction. ... Farrugia, G.; Szurszewski, JH Production of the gaseous signal molecule hydrogen sulfide in mouse ...
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作者：SB Singh - 2015 - 被引用次数：1 - [相关文章](#)

2015年11月12日 - **Hydrogen sulfide** (H₂S) is a Janus-faced molecule. caused a concentration-dependent inhibition of the activation of **NF-κB**, In a rat model of **water immersion** and **restraint stress induced gastric ulcers**, ... These effects of H₂S against **gastric injury** were mediated through **activation of KATP channels** ...

Hydrogen Sulfide and Carbon Monoxide Protect Gastric Mucosa ...

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作者：M Magierowski - 2016 - 被引用次数：1

2016年8月19日 - **Hydrogen Sulfide** and Carbon Monoxide Protect **Gastric Mucosa** Compromised by Mild **Stress** Against Alendronate **Injury**. ... (CO) can protect against alendronate-induced gastric lesions in rats exposed to mild **stress**. ... activity and the gastric expression of HO-1, HO-2, HIF-1α, **NF-κB**, iNOS, COX-2, IL-1β, ...

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Nitric oxide (NO) and **hydrogen sulfide** (H₂S) are known as biological ... to act **through** vascular smooth muscle ATP-dependent K⁺ **channels**, interacting with the **gastric mucosa** against ethanol, **stress** and NSAID-induced gastric **damage** and number in the animal model of the **water immersion** and **restraint stress**.

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