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### *Basic Study*

**Unconjugated bilirubin alleviates experimental ulcerative colitis by regulating intestinal barrier function and immune inflammation**

Zheng JD *et al.* UCB alleviates ulcerative colitis

Jia-Dong Zheng, Yan He, Heng-Yuan Yu, Yuan-Li Liu, Yi-Xuan Ge, Xue-Ting Li, Xue Li, Yan Wang, Meng-Ru Guo, Yi-Lin Qu, Xiao-Fa Qin, Ming-Shan Jiang, Xiu-Hong Wang

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### Unconjugated bilirubin ameliorates the inflammation and digestive ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5562003/> - 翻译此页

作者: JA Zhou - 2017 - 被引用次数: 2 - 相关文章

2017年6月21日 - Furthermore, UCB treatment **alleviated** the **inflammation** induced by TNBS, ...

Keywords: **unconjugated bilirubin**, TNBS-induced **colitis**, trypsin, chymotrypsin ..... that **regulate** gene expression in **immune** cells and the **intestinal** epithelium. .... compromised **gut barrier function** in a rat model of bile duct ligation.

### The Anti-Inflammatory Effect and Intestinal Barrier Protection of HU210 ...

<https://www.ncbi.nlm.nih.gov/pubmed/27995407> - 翻译此页

作者: S Lin - 2017 - 被引用次数: 8 - 相关文章

2016年12月19日 - The **Anti-Inflammatory** Effect and **Intestinal** Barrier Protection of HU210 Differentially Depend on TLR4 Signaling in Dextran Sulfate Sodium-Induced Murine Colitis. ... **Ulcerative colitis** (UC) is strongly associated with **inflammation** and ... **inflamed colon** in colitis, but its effects on **intestinal barrier function** and ...

缺少字词: **unconjugated bilirubin**

### (PDF) Unconjugated bilirubin ameliorates the inflammation and ...

[https://www.researchgate.net/.../317799757\\_Unconjugated\\_bilirubin\\_amelio...](https://www.researchgate.net/.../317799757_Unconjugated_bilirubin_amelio...) - 翻译此页

2017年8月1日 - The digestive proteases in the lower **gut** are important in the pathogenesis of **inflammatory bowel** diseases. ... Furthermore, UCB treatment **alleviated** the **inflammation** induced by .... **con rmed** the critical **role** of unconjugated **bilirubin** in inactiva- ... **experimental colitis** rats model to **con rm** the effect of UCB.

### [PDF] AOCC2018 Abstract Results

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the Long-term Treatment of Moderate to Severe **Ulcerative Colitis**. G. D'Haens ... **inflammatory bowel** disease : A nationwide population-based study in Korea ... Food exclusion based on IgG antibodies



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## An inhibitor of the Keap1-Nrf2 protein-protein interaction ...

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An inhibitor of the Keap1-Nrf2 protein-protein interaction protects NCM460 colonic cells and **alleviates experimental colitis**. ... Damage to the **intestinal** epithelial cells can disrupt the **barrier function** of the **intestinal** epithelium, facilitating an aberrant **immune** response and inflammatory conditions. ...

Cited by: 28

Author: Meng-Chen Lu, Jian-Ai Ji, Yong-Lin Jiang,...

Publish Year: 2016

## Analysis of intestinal haem-oxygenase-1 (HO-1) in clinical ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2249.2005...>

(c) Representative slide of a patient with ulcerative colitis (magnification × 400) but in severe inflammation there was a decreased HO-1 immunostaining in **epithelial** cells with focal heterogenous distribution. (d) Representative histology of a patient with Crohn's disease (arrow, magnification × 200).

Cited by: 123

Author: G. Paul, F. Bataille, F. Obermeier, J. Boc...

Publish Year: 2005

## Polysaccharide of *Herichium erinaceus* attenuates colitis in ...

<https://www.sciencedirect.com/science/article/pii/S095528631730815X>

**Intestinal inflammation** may in part be a result of the **intestinal** bacteria, but **inflammation** also effects the environment and alters the bacteria. After enteritis, the **intestinal barrier function** is impaired and the **intestinal** environment changes.

Cited by: 4

Author: Yilin Ren, Yan Geng, Yan Du, Wang Li, Z...

Publish Year: 2018

## Roseburia intestinalis alleviates experimental colitis ...

[https://www.researchgate.net/publication/323757838\\_Roseburia...](https://www.researchgate.net/publication/323757838_Roseburia...)

Roseburia intestinalis **alleviates experimental colitis** pathology by inducing anti-inflammatory responses ... Reinforcing **Intestinal Barrier Function** and Alleviating **Inflammation** ... bowel disease ...

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### Unconjugated bilirubin ameliorates the inflammation and digestive ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5562003/> - 翻译此页

作者: JA Zhou - 2017 - 被引用次数: 2 - 相关文章

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### Antioxidant therapy for treatment of inflammatory bowel disease: Does ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4637335/> - 翻译此页

作者: FA Moura - 2015 - 被引用次数: 88 - 相关文章

2015年10月23日 - Dysfunction of the **intestinal barrier** accompanied by increased **intestinal** .... and OS, which has a **direct** relationship to the severity of the disease; (14) ..... It plays an important **role** as a **regulator** of **inflammation**, as well as in proper **immune** .... [131], on **experimental colitis**, the administration of polyphenols: ...

### [PDF] Cellular and Molecular Therapeutic Targets in Inflammatory ... - MDPI

<https://www.mdpi.com/2073-4409/8/2/193/pdf> - 翻译此页

作者: I Schoultz - 2019

2019年2月22日 - Department of Clinical and **Experimental** Medicine, Division of Surgery, ... Keywords: Crohn's disease; **ulcerative colitis**; **intestinal permeability** therapeutic ... mucosal **immune** cells are crucial for an accurate **function**. .... Upon recognition, a **direct inflammatory** response against foreign microorganisms is.

缺少字词: bilirubin

### Heme Oxygenase-1 as a Modulator of Intestinal Inflammation ...

<https://www.frontiersin.org/articles/10.3389/fimmu.2018.01956/full> - 翻译此页

作者: VP Sebastian - 2018 - 相关文章

2018年9月12日 - As part of this article we discuss the **immune** modulatory capacity of ...

**Inflammatory Bowel Disease**, which includes Crohn's Disease (CD) and Ulcerative Colitis (UC) are