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Name of journal: *World Journal of Hepatology*

Manuscript NO: 35965

Manuscript Type: REVIEW

Role of pregnane X-receptor in regulating bacterial translocation in chronic liver diseases

Sundhar Mohandas, Balasubramanian Vairappan

Abstract

Bacterial translocation (BT) has been impeccably implicated as a driving factor in the pathogenesis of a spectrum of chronic liver diseases (CLD). Scientific evidence accumulated over the last four decades has implied that the disease pathologies in CLD and BT are connected as a loop in the gut-liver axis and exacerbate each other. Pregnane X receptor (PXR) is a ligand-activated transcription factor and nuclear receptor that is

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FXR: a metabolic regulator and cell protector - Wang - 被引用次数: 166

Pregnane X receptor as a target for treatment of ... - Cheng - 被引用次数: 61

Targeting the pregnane X receptor in liver injury (review) - NCBI - NIH

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The impact of farnesoid X receptor activation on intestinal permeability ...

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作者: M Stojancevic - 2012 - 被引用次数: 29 - 相关文章

Keywords: Bile acids, Farnesoid X receptor, Inflammation, Inflammatory bowel disease, ... FXR is activated by bile salts and **regulates** the transcription of genes ... barrier **function** and the prevention of **bacterial translocation** in the intestinal tract, ... The treatment of **chronic** inflammatory gastrointestinal **conditions**, such as UC ...

The gut microbiota and liver disease - NCBI - NIH

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作者: C Llorente - 2015 - 被引用次数: 26 - 相关文章

2015年5月1日 - Environmental factors that shape the microbiota in liver disease ..., composition of the intestinal microbiota or by facilitating **bacterial translocation**, ... To confirm the **importance** of the intestinal microbiota for chronic liver disease, we ... barrier through the xenobiotic sensor, pregnane X-

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Different effects of acute and chronic diabetes mellitus on hepatic drug metabolism in the rat ...

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Nuclear Receptors as Drug Targets in Cholestatic Liver Diseases

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作者: E Halilbasic - 2013 - 被引用次数: 48 - 相关文章

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Gut microbiota and host metabolism in liver cirrhosis - NCBI - NIH

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The gut microbiota and liver disease - NCBI - NIH

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