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Role of interleukin-1 and its antagonism of hepatic stellate cell proliferation and liver fibrosis in the Abcb4^{-/-} mouse model

Florian P Reiter, Ralf Wimmer, Lena Wottke, Renate Artmann, Jutta M Nagel, Manuel O Carranza, Doris Mayr, Christian Rust, Peter Fickert, Michael Trauner, Alexander L Gerbes, Simon Hohenester, Gerald U Denk

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Liver fibrogenesis and the role of hepatic stellate cells: new insights and prospects for therapy

D Li, [S Friedman](#) - *Journal of gastroenterology and hepatology*, 1999 - Wiley Online Library

... This approach could have implications for other human **liver** diseases where the host immune responses play a **role** in fibrogenesis, including ... **178 It functions as an antioxidant and may decrease hepatic injury by both cytoprotection and inhibition of Kupffer cell function** ...

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Hepatic stellate cells: role in microcirculation and pathophysiology of portal hypertension

H Reynaert, MG Thompson, T Thomas, A Geerts - *Gut*, 2002 - [gut.bmj.com](#)

... **hepatic stellate cells** (HSC) are similar to pericytes in other organs, suggesting that HSC may **function as liver** ... Hence HSC are currently considered to exert pericyte **functions** in the **hepatic sinusoid** ... Data indicate that HSC may play a **role** in blood flow regulation in the normal **liver** ...

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Modern pathogenetic concepts of liver fibrosis suggest stellate cells and TGF-beta as major players and therapeutic targets

AM Gressner, R Weiskirchen - *Journal of cellular and molecular* ..., 2006 - [researchgate.net](#)

... on these data, it is reasonable to assume that HSC play a **role** in the ... differ in regard to **their gene expression** profile, **their retinoid content**, **their proliferation**, and **their function in hepatic** ... The following **functions** can be attributed to **hepatic stellate cells**: (i) retinoid uptake, storage ...

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Hepatic fibrosis: molecular mechanisms and drug targets

S Lotersztajn, B Julien, F Teixeira-Clerc ... - *Annu. Rev.* ..., 2005 - [annualreviews.org](#)

... Strikingly, a number of cytokines simultaneously govern several **functions** of fibrogenic **cells**. Thus, TGF- β , **interleukin-1**, and leptin promote **stellate cell** activation, enhance collagen synthesis, and ... kidney fibrogenesis, and several recent studies support a significant **role** in **liver** ...

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[HTML] **Liver fibrosis**

R Bataller, [DA Brenner](#) - *Journal of clinical investigation*, 2005 - [ncbi.nlm.nih.gov](#)

... results due to poor study design, and further research is required to clarify the actual **role** of genetic ... Due to its low cost, ultrasonography is an appealing technique, ... the fibrotic tissue is initially located around portal tracts, while in alcohol-induced **liver** disease, it locates in ...

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Transcriptional regulation of hepatic stellate cell activation

[DA Mann](#), DE Smart - *Gut*, 2002 - [gut.bmj.com](#)

... 52 MyoD **functions** in cooperation with its related myogenic transcription factors Myf5, myogenin, MRF4, and ... **function** in the activated HSC, including confirmation of an in vivo **role** in HSC ... These latter type of transcription factors may function as inhibitors of HSC activation ...

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Hepatic Stellate Cells: Protean, Multifunctional, and ...

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The paradigm in **liver** injury of activation of quiescent vitamin A-rich stellate cells into ...
Fig. 1. Growth of the **hepatic stellate cell** field in 25 years. This graph illustrates ... in all
aspects of **liver function**, rather than emphasizing only **its role** in **fibrosis**, ... An important
functional **role** of stellate cells in **liver** repair emerged from the ...

缺少字词: **abeb4**

Cholangiocyte proliferation and liver fibrosis

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2009年2月25日 - We discuss the **role** of **proliferating** cholangiocytes in the induction of ...
is linked to cholangiocyte **proliferative** responses in **animal models** of biliary ... 28), which
is similar to that of **hepatic stellate cells** during **liver** disease development (Ref. ... GLP1
and **its** receptor **antagonist** extendin-4 both have similar ...

Experimental liver fibrosis research: update on animal ...

fibrogenesis.biomedcentral.com/articles/10.../1755-1536-6-19 ▾ [翻译此页](#)

作者: C Liedtke - 2013 - 被引用次数: 47 - [相关文章](#)

2013年10月1日 - **Animal models** Animal welfare Cholestasis **Cirrhosis** EU-Directive
2010/63 ... might be caused by **fibrosis** alone, depending on **its** location within the **liver**[1].
... At the cellular level, **liver** residential cells (**hepatic stellate cells** (HSCs) or oval cell
activation and **proliferation** in murine models of **liver** injury.

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