

Name of journal: World Journal of Gastroenterology

ESPS Manuscript NO: 15264

Column: ORIGINAL ARTICLE

Observational Study

Hepatocyte nuclear factor 4a induces a tendency of differentiation and activation of rat hepatic stellate cells

Kai Liu, Ming-Guo Guo, Xiao-Li Lou, Xiao-Ya Li, Yang Xu, Wen-Dan Ji,

Xiao-Dong Huang, Jia-He Yang, Ji-Cheng Duan

# Abstract

**AIM:** To investigate the effect of hepatocyte nuclear factor 4a (HNF4a) on differentiation and transformation of hepatic stellate cells (HSCs).

## Match Overview

100% 100%

1	Internet (11 words) HNF4a is a transcription factor that plays a role in the regulation of gene expression. <a href="#">www.ncbi.nlm.nih.gov/pmc/articles/PMC1111111/</a>	1%
2	CrossCheck (11 words) HNF4a is a transcription factor that plays a role in the regulation of gene expression. <a href="#">www.ncbi.nlm.nih.gov/pmc/articles/PMC1111111/</a>	1%
3	Internet (11 words) HNF4a is a transcription factor that plays a role in the regulation of gene expression. <a href="#">www.ncbi.nlm.nih.gov/pmc/articles/PMC1111111/</a>	<1%
4	Internet (11 words) HNF4a is a transcription factor that plays a role in the regulation of gene expression. <a href="#">www.ncbi.nlm.nih.gov/pmc/articles/PMC1111111/</a>	<1%
5	CrossCheck (11 words) HNF4a is a transcription factor that plays a role in the regulation of gene expression. <a href="#">www.ncbi.nlm.nih.gov/pmc/articles/PMC1111111/</a>	<1%



Hepatocyte nuclear factor 4α induces a tendency of differentiation and activati



学术搜索

找到约 88 条结果 (用时0.17秒)

我的著作引用情况

文章

我的图书馆

时间不限

2015以来

2014以来

2011以来

自定义范围...

按相关性排序

按日期排序

搜索所有网页

中文网页

简体中文网页

☒ 包括专利☐ 包含引用

创建快讯

小提示：只搜索中文(简体)结果，可在 学术搜索设置 指定搜索语言

Retinoic acid signalling induces the differentiation of mouse fetal liver - derived hepatic progenitor boneandcancer.org 中的 [PDF]

J Huang, Y Bi, GH Zhu, Y He, Y Su, BC He... - Liver ..., 2009 - Wiley Online Library

... (B) RT-PCR analysis of the endogenous expression of nuclear receptor corepressors, co... pathway, which can effectively induce and direct HPCs to differentiate into mature hepatocytes. ... complex may activate or interact with the critical genes that control hepatocyte differentiation. ...

被引用次数：49 相关文章 所有 5 个版本 引用 保存

[HTML] In vitro differentiation of embryonic and adult stem cells into hepatocytes: state of the art wiley.com 中的 [HTML]

S Snykers, J De Kock, V Rogiers, T Vanhaecke - Stem cells, 2009 - Wiley Online Library

... GGT, γ-glutamyltransferase; HGF, hepatocyte growth factor; HNF, hepatocyte nuclear factor; OC-2 ... FROM STEM CELLS TO HEPATOCYTES: CURRENT CHARACTERIZATION STRATEGIES AND THEIR ... Stem cell-derived hepatocyte-like cells may be characterized in vitro at four ...

被引用次数：173 相关文章 所有 8 个版本 引用 保存

New emerging potentials for human Wharton's jelly mesenchymal stem cells: immunological features and hepatocyte-like differentiative capacity

R Anzalone, ML Iacono, S Corrao... - Stem cells and ..., 2010 - online.liebertpub.com

... In this view, our data reporting hepatocyte nuclear factor 4α (HNF-4α) expression by HEMSC are ... in a specific differentiation medium, showed morphological features of mature hepatocytes and expressed ... cells are able to express a number of mature hepatocyte functions in vitro ...

被引用次数：147 相关文章 所有 5 个版本 引用 保存

[HTML] Recent events in alcoholic liver disease V. effects of ethanol on liver regeneration physiology.org 中的 [HTML]

AM Diehl - ... Journal of Physiology-Gastrointestinal and Liver ..., 2005 - Am Physiological Soc

... progenitors migrate into the septum transversum, they are exposed to additional factors that activate ... Those that express hepatocyte nuclear factor (HNF)-6 go on to induce HNF-1β and differentiate ... those that do not express HNF-6 upregulate HNF-4α and become hepatocytes. ...

被引用次数：36 相关文章 所有 5 个版本 引用 保存

Wnt/β-catenin signaling in hepatic organogenesis

tandfonline.com 中的 [HTML]



网页 图片 新闻 购物 视频 更多 ▾ 搜索工具

找到约 1,410 条结果 (用时 0.59 秒)

### Google 学术 : Hepatocyte nuclear factor 4 $\alpha$ induces a tendency of differentiation and activation of rat hepatic stellate cells

... induces the differentiation of mouse fetal liver-derived ... - Huang - 被引用次数 : 49

In vitro differentiation of embryonic and adult stem cells ... - Snykers - 被引用次数 : 173

... stem cells: immunological features and hepatocyte-like ... - Anzalone - 被引用次数 : 148

### Stellate Cells from Rat Pancreas Are Stem Cells and Can ...

[www.plosone.org/article/info:doi/10.1371/journal.pone.0051878](http://www.plosone.org/article/info:doi/10.1371/journal.pone.0051878) ▾ 翻译此页

作者 : C Kordes - 2012 - 被引用次数 : 19 - 相关文章

2012年12月13日 - The transplantation of culture-activated PSC from enhanced green ... Recent findings suggest that vitamin A-storing **hepatic stellate cells** (HSC) .... synthesis was **induced** after treatment with hepatocyte **differentiation** ... against **hepatocyte nuclear factor 4 $\alpha$**  (HNF4 $\alpha$ ; Cell Signaling), CK18, CK19 and panCK.

### Patent US20130130297 - Induction of a mature hepatocyte ...

[www.google.com/patents/US20130130297](http://www.google.com/patents/US20130130297) - 翻译此页

2013年5月23日 - thereby **differentiating** said precursor cells into cells having a mature .... The term "HNF-4 $\alpha$ " specifies a **nuclear** receptor of the **hepatocyte nuclear factor 4** subfamily that binds .... It is downregulated in **rat** liver nodules and HCCs and forced ... of C/EBP $\alpha$  gene could **induce hepatic stellate cells** apoptosis in a ...

### Maternal protein restriction induces alterations in hepatic ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > Literature > PubMed Central (PMC) - 翻译此页

作者 : X Liu - 2014 - 被引用次数 : 2 - 相关文章

2014年5月13日 - **Activated** JNK inhibits **hepatocyte nuclear factor** (HNF)4 $\alpha$  expression or .... Development, **differentiation**, and ageing. ... IGF-I **induces** DNA synthesis and apoptosis in **rat** liver **hepatic stellate cells** (HSC) but DNA synthesis and ...