



16549-Review

Quotes Excluded
Bibliography Excluded8%
SIMILAR

9
Name of journal: World Journal of Gastroenterology

ESPS Manuscript NO: 16549

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Hepatic differentiation induced by rat induced pluripotent stem cells *in vitro*

Chao Sun, Jun-Jie Hu, Qin Pan, Yi Cao, Jian-Gao Fan, Guang-Ming Li

Abstract

7
AIM: To show the efficient generation of hepatocyte-like cells (HLCs) differentiated from the iPSCs of rats.

METHODS: Hepatic differentiation was achieved using a three-step protocol

Match Overview

1	CrossCheck 42 words Chao Sun. "Transplantation of urokinase-type plasminogen activator gene-modified bone marrow-derived liver stem cells into rat liver", <i>World Journal of Gastroenterology</i>	1%
2	CrossCheck 30 words Zhihua Song. "Efficient generation of hepatocyte-like cells from human induced pluripotent stem cells", <i>Cell Research</i>	1%
3	Internet 18 words crawled on 08-Jan-2015 www.wjgnet.com	1%
4	CrossCheck 16 words Lian, G. "Failure of hepatocyte marker-expressing hematopoietic progenitor cells to efficiently convert into hepatocytes", <i>Cell Research</i>	1%
5	CrossCheck 16 words Samira Asgari. "Differentiation and Transplantation of Human Induced Pluripotent Stem Cell-derived Hepatocyte-like Cells", <i>Cell Research</i>	1%
6	Internet 15 words crawled on 01-Aug-2012 www1.iadr-sea-2012.com.hk	1%

[网页](#) [图片](#) [新闻](#) [视频](#) [购物](#) [更多 ▾](#) [搜索工具](#)

找到约 310,000 条结果 (用时 0.55 秒)

Google 学术 : Hepatic differentiation induced by rat induced pluripotent stem cells in vitro

Induction of pluripotent stem cells from adult human ... - Takahashi - 被引用次数 : 9847

Pluripotency of mesenchymal stem cells derived from ... - Jiang - 被引用次数 : 6216
... of rat and human induced pluripotent stem cells by ... - Li - 被引用次数 : 456

Efficient generation of hepatocyte-like cells from rat bone ...

www.smartscitech.com/index.php/SCTI/article/view/496 ▾ 翻译此页

作者 : J Qin - 2015 - 相关文章

In vitro hepatic differentiation of human mesenchymal stem cells. ... Hepatocyte growth factor induces differentiation of adult rat bone marrow cells into a hepatocyte
Efficient hepatic differentiation of human induced pluripotent stem cells in a ...

Generation of Functional Human Hepatic Endoderm from ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ 翻译此页

作者 : GJ Sullivan - 2010 - 被引用次数 : 260 - 相关文章

With the advent of induced pluripotent stem cell (iPSC) technology, it is now ... drug toxicology assays and allow the creation of in vitro hepatic disease models. ... iPSCs were differentiated to hepatocyte like cells using Activin A and Wnt3a (R&D ... IgM – PE and anti-rat IgM-PE and anti-mouse IgG3-FITC (Jackson Labs) and ...

Thinking outside the liver: Induced pluripotent stem cells for ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ 翻译此页

作者 : MS Rao - 2013 - 被引用次数 : 18 - 相关文章

2013年6月14日 - The discovery of induced pluripotent stem cells (iPSCs) unraveled a

[网页](#) [图片](#) [视频](#) [新闻](#) [购物](#) [更多 ▼](#) [搜索工具](#)

找到约 411,000 条结果 (用时 0.97 秒)

Google 学术 : Hepatic differentiation induced by rat induced pluripotent stem cells in vitro

Induction of pluripotent stem cells from adult human ... - Takahashi - 被引用次数 : 10022

Pluripotency of mesenchymal stem cells derived from ... - Jiang - 被引用次数 : 6252
... of rat and human induced pluripotent stem cells by ... - Li - 被引用次数 : 460

Efficient generation of hepatocyte-like cells from rat bone ...

www.smartscitech.com/index.php/SCTI/article/view/496 ▼ [翻译此页](#)

作者 : J Qin - 2015 - [相关文章](#)

In vitro hepatic differentiation of human mesenchymal stem cells. Hepatology

Efficient hepatic differentiation of human induced pluripotent stem cells in a ...

In Vitro and In Vivo Hepatic Differentiation of Adult Somatic ...

www.hindawi.com/journals/sci/2015/871972/ ▼ [翻译此页](#)

2015年7月13日 - The hepatic differentiation of stem cells would offer an ideal and promising source ... induced pluripotent stem cells (iPSCs), and mesenchymal stem cells (MSCs), In a rat liver injury model, intravenously injected ADMSCs ...

Generation of Functional Human Hepatic Endoderm from ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▼ [翻译此页](#)

作者 : GJ Sullivan - 2010 - 被引用次数 : 266 - [相关文章](#)

With the advent of induced pluripotent stem cell (iPSC) technology, it is now ... drug toxicology assays and allow the creation of in vitro hepatic disease models. ... iPSCs were differentiated to hepatocyte like cells using Activin A and Wnt3a (R&D ... IgM - PE and anti-rat IgM-PE and anti-mouse IgG3-FITC (Jackson Labs) and ...