

MicroRNA regulation of liver cancer stem cells

<https://pubmed.ncbi.nlm.nih.gov/30094089>

In this review, we highlight recent reports indicating that miRNAs participate in the regulation of liver cancer stem cells (LCSCs). The Wnt signaling pathway, TGF-beta signaling pathway, JAK/STAT signaling pathway and epithelial-mesenchymal transition (EMT) are all closely correlated with the miRNA modulation of LCSCs.

Cited by: 34

Author: Weiyang Lou, Jingxing Liu, Yanjia Gao, G...

Publish Year: 2018

Epigenetic regulation of cancer stem cells in liver cancer ...

<https://www.ncbi.nlm.nih.gov/pubmed/20646772>

Epigenetic regulation of cancer stem cells in liver cancer: current concepts and clinical implications. Marquardt JU (1), Factor VM, Thorgeirsson SS. (1)Laboratory of Experimental Carcinogenesis, Center for Cancer Research, National Cancer Institute, NIH, MD, USA. The two dominant models of carcinogenesis postulate stochastic (clonal evolution) or hierarchic organization of tumor (cancer stem cell model).

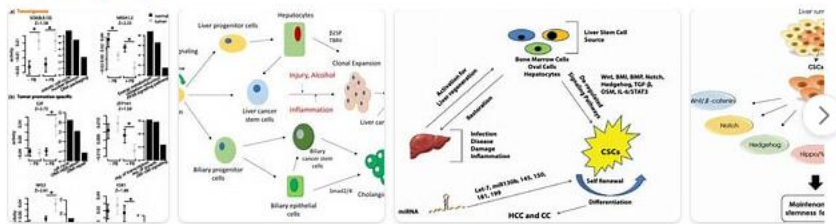
Cited by: 111

Author: J.U. Marquardt, V.M. Factor, S.S. Thorgeri...

Publish Year: 2010

Images of Regulators of liver cancer stem cells

<bing.com/images>



See all images >

Proteoglycans and glycosaminoglycans as regulators of cancer stem cell function and therapeutic resistance

Cited by: 34

Publish Year: 2019

[Proteoglycans and glycosaminoglycans as regulators of ...](#)

febs.onlinelibrary.wiley.com/doi/full/10.1111/febs.14967

Was this helpful? 👍 👎

People also ask

- Which is a regulator of stem cell populations? ▾
- Why is hepatocellular carcinoma a highly lethal cancer? ▾
- What are the characteristics of cancer stem cells? ▾
- Why are PGs and glycosaminoglycans important regulators of CSC? ▾

Feedback

Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 65191

Manuscript Type: MINIREVIEWS

Regulators of Liver Cancer Stem Cells

Liver Cancer Stem Cells

Abstract

Hepatocellular carcinoma (HCC) is a leading cause of cancer deaths. It is often detected at a stage when there are few therapeutic options. Liver cancer stem cells (LCSCs) are highly tumorigenic and resistant to chemotherapy and radiation therapy. Their presence in HCC is a major reason why HCC is difficult to treat. The development of LCSCs is regulated by a variety of factors. This review summarizes recent advances on the factors that regulate the development of LCSCs. Due to the importance of LCSCs in the development of HCC, a better understanding of how LCSCs are regulated will help to improve the treatments for HCC patients.

Match Overview

1	Internet 44 words crawled on 07-Nov-2020 molecular.cancer.biomedcentral.com	2%
2	Crossref 42 words Chunwang Yuan, Lijun Pang, Wenjing Wang, Yabo Ouyang, Xu anghua Guo, Kai Liu: "FOXP2 IL-31 Autoregulatory Circuit"	2%
3	Internet 17 words crawled on 08-Aug-2017 www.pjove.com	1%
4	Internet 16 words crawled on 09-Mar-2021 jccr.biomedcentral.com	1%
5	Internet 16 words crawled on 09-Jun-2020 tessera.spandios-publications.com	1%
6	Internet 14 words crawled on 21-Jul-2021 www.vjgnet.com	1%
7	Internet 12 words crawled on 03-Apr-2012 www.hepatitisannual.org	1%

国内版

国际版

Regulators of liver cancer stem cells



ALL

IMAGES

VIDEOS

1,750,000 Results

Any time ▾

Proteoglycans and glycosaminoglycans as regulators of cancer stem cell function and therapeutic resistance

Cited by: 34

Publish Year: 2019

[Proteoglycans and glycosaminoglycans as regulators of ...](#)

febs.onlinelibrary.wiley.com/doi/full/10.1111/febs.14967

Was this helpful?

PEOPLE ALSO ASK

Which is a regulator of stem cell populations? ▾

Why are PGs and glycosaminoglycans important regulators of CSC? ▾

What are the characteristics of cancer stem cells? ▾

Feedback

MicroRNA regulation of liver cancer stem cells

<https://pubmed.ncbi.nlm.nih.gov/30094089>

Cancer stem cells (CSCs) are a subset of cells known to be at the root of cancer recurrence and resistance to therapy. In this review, we highlight recent reports indicating that miRNAs participate in the regulation of liver cancer stem cells (LCSCs).

Cited by: 58

Author: Weiyang Lou, Jingxing Liu, Yanjia Gao, G...

Publish Year: 2018

Epigenetic regulation of cancer stem cells in liver cancer ...

<https://www.ncbi.nlm.nih.gov/pubmed/20646772>

Epigenetic regulation of cancer stem cells in liver cancer: current concepts and clinical implications. Marquardt JU (1), Factor VM, Thorgeirsson SS. (1)Laboratory of Experimental Carcinogenesis, Center for Cancer Research, National Cancer Institute, NIH, MD, USA. The two dominant models of carcinogenesis postulate stochastic (clonal evolution) or hierarchic organization of tumor (cancer stem