

Match Overview

1	Crossref 92 words "Abstracts of the 26th Annual Conference of APASL, February 15-19, 2017, Shanghai, China"; Hepatology International	2%
2	Internet 84 words crawled on 17-Jul-2020 www.frontiersin.org	2%
3	Internet 80 words crawled on 16-Nov-2019 f6publishing.blob.core.windows.net	2%
4	Internet 52 words crawled on 01-Dec-2020 www.researchsquare.com	1%
5	Internet 46 words crawled on 08-Jul-2020 tessera.spandidos-publications.com	1%
6	Crossref 41 words "Posters (Abstracts 264-2239)", Hepatology, 2017	1%
7	Internet 40 words www.ncbi.nlm.nih.gov	1%
8	Internet 32 words crawled on 20-Oct-2020 www.nature.com	1%

3 Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 59907

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Lipotoxic hepatocyte-derived exosomal miR-1297 promotes hepatic stellate cell activation through the PTEN signaling pathway in metabolic associated fatty liver disease

Luo X *et al.* Exosomal miR-1297 activated HSC

Xin Luo, Sheng-Zheng Luo, Zi-Xin Xu, Cui Zhou, Zheng-Hong Li, Xiao-Yan Zhou, Ming-Yi Xu

Abstract

BACKGROUND

Exosomes played an important role in metabolic associated fatty liver disease

Extracellular vesicles in liver pathobiology: Small particles with big ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.28814>

Sep 15, 2016 · EVs released from lipid-laden hepatocytes may drive liver fibrosis not only by promoting inflammation but also through a direct effect on hepatic stellate cells (HSCs).

Lipotoxic hepatocyte-derived EVs have been demonstrated to induce HSC profibrogenic activation. 43 This effect was mediated by EV miRNA cargo, miR-128-3p in particular ...

Cited by: 112 Author: Petra Hirsova, Samar H. Ibrahim, Vikas ...

Publish Year: 2016

Novel Molecular Mechanisms in the Development of Non ...

europepmc.org/articles/PMC4768045

Feb 01, 2016 · Lipotoxicity as a trigger for release of EVs. Lipotoxicity refers to a process by which accumulation of certain toxic lipids such as saturated free fatty acids (SFA), free cholesterol, or ceramide and other sphingolipid among others in hepatocytes triggers various molecular pathways of cell stress and eventually results in cell death have evolved as a key event during ...

Cited by: 54 Author: Davide Povero, Ariel E. Feldstein

Publish Year: 2016

Role of ncRNAs in modulation of liver fibrosis by extracellular ...

<https://exrna.biomedcentral.com/articles/10.1186/s41544-020-00050-5>

May 18, 2020 · Furthermore, pathway analysis of target genes of let-7 suggested that low levels of let-7 in EVs may be related to hepatic fibrogenesis through the activation of TGF-β signaling in HSCs. The characterization of EVs into the bloodstream of an experimental NAFLD model identified both exosomes and MVs enriched in miR-122 and miR-192.

Cited by: 1 Author: Giulia Chiabotto, Giovanni Camussi, Ste...

Publish Year: 2020

KoreaMed Synapse

<https://synapse.koreamed.org/articles/1084867>

NAFLD has become a severe health issue and it can progress towards a more severe form of the disease, the non-alcoholic steatohepatitis (NASH). A combination of environmental factors, host genetics, and gut microbiota leads to excessive accumulation of lipids in the liver (steatosis), which may result in lipotoxicity and trigger hepatocyte cell ...

Liver-derived extracellular vesicles: A cell by cell overview to ...

<https://www.sciencedirect.com/science/article/pii/S0304416520300490>

Feb 19, 2020 · Liver location, structure of hepatic lobules (adapted with permission) and their anatomy at the cellular level: hepatocytes (the most abundant cells in the liver and responsible for the most tasks, see Section 2), hepatic stellate cells (vitamin A storing cells, Section 3), cholangiocytes (modifying the bile along the bile ducts, Section 4 ...

Cited by: 4 Author: Cristina Zivko, Gregor Fuhrmann, Paola...

Publish Year: 2020

Molecular Basis of Liver Disease - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/B9780128027615000201>

Jan 01, 2018 · Hepatic progenitor cell activation has been observed in alcoholic and nonalcoholic fatty liver disease (ALD and NAFLD) patients as well. ALD and NAFLD are associated with increased lipid peroxidation, generation of reactive oxygen species (ROS), and additional features of elevated oxidative stress, which are known inhibitors of hepatocyte ...

Publications - Gregory J. Gores, M.D. - Mayo Clinic

<https://www.mayoclinic.org/biographies/gores...>

Early hepatic stellate cell activation predicts severe hepatitis C recurrence after liver transplantation. Liver Transpl. 2005 Oct; 11(10):1207-13. View PubMed; Minagawa N, Kruglov EA, Dranoff JA, Robert ME, Gores GJ, Nathanson MH. The anti-apoptotic protein Mcl-1 inhibits mitochondrial Ca²⁺ signals. J Biol Chem 2005 Sep 30; 280(39):33637-44.

Intercellular Communication between Hepatic Cells in Liver ...

<https://www.researchgate.net/publication/332904315...>

Hepatic stellate cell-derived platelet-derived growth factor receptor-alpha-enriched extracellular vesicles promote liver fibrosis in mice through SHP2. Hepatology 2018, 68, 333-348.

ALL IMAGES VIDEOS MAPS NEWS SHOPPING

94 Results Any time ▾

[Extracellular vesicles in liver pathobiology: Small ...](#)

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.28814>

Sep 15, 2016 · EVs released from lipid-laden hepatocytes may drive liver fibrosis not only by promoting inflammation but also **through** a direct effect on **hepatic stellate** cells (HSCs). **Lipotoxic hepatocyte-derived** EVs have been demonstrated to induce HSC profibrogenic **activation**. 43 This effect was mediated by EV miRNA cargo, miR-128-3p in particular ...

Cited by: 114 **Author:** Petra Hirsova, Samar H. Ibrahim, Vikas ...

Publish Year: 2016

[Kupffer cell engulfment of apoptotic bodies stimulates ...](#)

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1053/jhep.2003.50472>

Consistent with a role for Kupffer cells in liver inflammation and fibrosis, gadolinium chloride attenuated neutrophil infiltration and markers for **stellate cell activation**. In conclusion, these findings support a model of cholestatic liver injury where Kupffer cell engulfment of apoptotic bodies **promotes** inflammation and fibrogenesis.

Cited by: 470 **Author:** Ali Canbay, Ariel E. Feldstein, Hajime Hi...

Publish Year: 2003

[Role of ncRNAs in modulation of liver fibrosis by ...](#)

<https://exrna.biomedcentral.com/articles/10.1186/s41544-020-00050-5> ▾

May 18, 2020 · Furthermore, **pathway** analysis of target genes of let-7 suggested that low levels of let-7 in EVs may be related to **hepatic** fibrogenesis **through** the **activation** of TGF- β **signaling** in HSCs . The characterization of EVs into the bloodstream of an experimental NAFLD model identified both exosomes and MVs enriched in miR-122 and miR-192 .

Cited by: 1 **Author:** Giulia Chiabotto, Giovanni Camussi, Ste...

Publish Year: 2020

[Novel Molecular Mechanisms in the Development of Non ...](#)

europepmc.org/articles/PMC4768045

Feb 01, 2016 · Lipotoxicity as a trigger for release of EVs. Lipotoxicity refers to a process by which accumulation of certain toxic lipids such as saturated free **fatty** acids (SFA), free cholesterol, or ceramide and other sphingolipid among others in hepatocytes triggers various molecular