

1 Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 47730

Manuscript Type: ORIGINAL ARTICLE

Case Control *Study*

Plasma Nogo-A and placental growth factor levels are associated with portal hypertension in patients with liver cirrhosis

Gelman S *et al.* PIGF and Nogo-A in portal hypertension

Sigita Gelman, Violeta Salteniene, Andrius Pranculis, Jurgita Skieceviciene, Romas Zyklus, Dalius Petrauskas, Limas Kupcinskas, Ali Canbay, Alexander Link, Juozas Kupcinskas

Abstract

BACKGROUND

Clinically significant portal hypertension (CSPH) and severe portal hypertension (STPH) increase the risk for decompensation and life-threatening complications in liver cirrhosis. Pathologic angiogenesis might contribute to the formation of these conditions. Placental growth factor (PIGF) and Nogo-A protein are biomarkers of pathological angiogenesis, but data on their role in liver cirrhosis and portal hypertension is scarce.

Match Overview

1	Internet 32 words crawled on 02-Apr-2019 f6publishing.blob.core.windows.net	1%
2	Crossref 24 words Wu, Hao, Shiping Yan, Guangchuan Wang, Shaobo Cui, Chunqing Zhang, and Qiang Zhu. "von Willebrand factor	<1%
3	Crossref 24 words Manuel Hernández-Guerra, Juan C. García-Pagán, Juan Turnes, Pablo Bellot, Ramón Deulofeu, Juan G. Abraldes,	<1%
4	Internet 24 words crawled on 23-Jan-2015 www.medbiol.com	<1%
5	Internet 18 words crawled on 16-Nov-2018 www.xiahepublishing.com	<1%
6	Crossref 17 words Vascular Liver Disease, 2011.	<1%
7	Crossref 15 words Francesco Vizzutti, Umberto Arena, Roberto G. Romanelli, Luigi Rega <i>et al.</i> "Liver stiffness measurement predict...	<1%
8	Crossref 14 words Olli Rämö, Darshan Kumar, Erika Gucciardo, Merja Joens	<1%

[全部](#)[图片](#)[新闻](#)[视频](#)[更多](#)[设置](#)[工具](#)

找到约 8 条结果 (用时 0.44 秒)

Pathophysiology of Portal Hypertension - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3971388/> ▾ [翻译此页](#)

作者: Y Iwakiri - 2014 - 被引用次数: 88 - 相关文章

2015年5月1日 - The primary cause of portal hypertension in cirrhosis is an increase in ... is a result of massive structural changes associated with fibrosis/cirrhosis and as VEGF and placental growth factor (PIGF), which promote the formation of Intestinal and plasma VEGF levels in cirrhosis: the role of portal pressure.

Managing portal hypertension in patients with liver cirrhosis - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5934688/> - [翻译此页](#)

作者: T Sauerbruch - 2018 - 被引用次数: 2 - 相关文章

2018年5月2日 - Keywords: portal hypertension, liver cirrhosis, chronic liver disease of transcription factors that restore intrahepatic endothelial function, and trials, rifaximin reduced plasma endotoxin levels and HVPG in alcohol-related ...

缺少字词: Nogo- Placental

[PDF] european bridging meeting in gastroenterology - gistar

[https://www.gistar.eu/Portals/0/.../Programm-Bridging-11-2018-web\[1\].pdf](https://www.gistar.eu/Portals/0/.../Programm-Bridging-11-2018-web[1].pdf) ▾ [翻译此页](#)

2018年12月1日 - 10:45 – 11:00 Plasma nogo-A and placental growth facotor levels are associated with portal hypertension in patients with liver cirrhosis ... 11:40 – 11:55 Metabolic syndrome, obesity and lipid status as important factors.

Vascular pathobiology in chronic liver disease and cirrhosis – Current ...

<https://www.sciencedirect.com/science/article/pii/S016882781400395X> - [翻译此页](#)

作者: Y Iwakiri - 2014 - 被引用次数: 120 - 相关文章

Heterogeneity of vascular beds in portal hypertension. ... vascular endothelial growth factor; PDGF, platelet derived growth factor; PIGF, placental growth factor.

Molecular pathophysiology of portal hypertension - aasld

<https://aasldpubs.onlinelibrary.wiley.com/doi/pdf/10.1002/hep.27343> - [翻译此页](#)

[全部](#)[图片](#)[新闻](#)[视频](#)[更多](#)[设置](#)[工具](#)

找到约 9 条结果 (用时 0.39 秒)

Pathophysiology of Portal Hypertension - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3971388/> ▾ [翻译此页](#)

作者: Y Iwakiri - 2014 - 被引用次数: 91 - 相关文章

2015年5月1日 - The primary cause of portal hypertension in cirrhosis is an increase in ... is a result of massive structural changes associated with fibrosis/cirrhosis and as VEGF and placental growth factor (PIGF), which promote the formation of Intestinal and plasma VEGF levels in cirrhosis: the role of portal pressure.

Plasma betatrophin levels in patients with liver cirrhosis - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4588088/> ▾ [翻译此页](#)

作者: MT Arias-Loste - 2015 - 被引用次数: 14 - 相关文章

2015年10月7日 - AIM: To investigate the plasma levels of betatrophin in patients with cirrhosis. ... Betatrophin levels were also associated with disease severity, being ... Patients who had undergone previous surgery for portal hypertension were also (e.g., glucagon, growth hormone, and insulin-like growth factor, free fatty ...

缺少字词: Nogo- placental

Contemporary concepts of the medical therapy of portal hypertension ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4445090/> ▾ [翻译此页](#)

作者: DV Garbuzenko - 2015 - 被引用次数: 22 - 相关文章

2015年5月28日 - Severe complications of liver cirrhosis are mostly related to portal hypertension. ... as at the molecular and cellular level, it might be expected that the introduction of the In patients with liver cirrhosis and portal hypertension an the production of angiogenic factors [placental growth factor (PIGF), vascular ...

缺少字词: Nogo-

(PDF) Portal Hypertension—Molecular Mechanisms - ResearchGate

https://www.researchgate.net/.../314660702_Portal_Hypertension-Molecular... - [翻译此页](#)

2018年1月30日 - PDF | The pathophysiology of portal hypertension in cirrhosis can be ... growth factors, cytokines and metalloproteinases (Thabut and Shah, 2010). has also been suggested that damage-associated molecular Elevated plasma levels in cirrhosis is due due to pancreatic overproduction and, in a.

找到约 7 条结果 (用时 0.52 秒)

Pathophysiology of Portal Hypertension - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3971388/> ▼ 翻译此页

作者: Y Iwakiri - 2014 - 被引用次数: 91 - 相关文章

2015年5月1日 - The primary cause of portal hypertension in cirrhosis is an increase in ... is a result of massive structural changes associated with fibrosis/cirrhosis and as VEGF and placental growth factor (PIGF), which promote the formation of Intestinal and plasma VEGF levels in cirrhosis: the role of portal pressure.

Intestinal and plasma VEGF levels in cirrhosis: the role of portal pressure

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3213314/> ▼ 翻译此页

作者: HC Huang - 2012 - 被引用次数: 26 - 相关文章

Increased intestinal VEGF levels can exacerbate portal hypertension at least in two ways: (1) ... circulatory syndrome associated with portal hypertension in cirrhosis [11]. ... pressure gradient (HVPG) and serum VEGF levels in patients with cirrhosis. ... VEGF levels during the development of cirrhosis in which complex factors ...

缺少字词: Nogo- placental

Vascular pathobiology in chronic liver disease and cirrhosis – Current ...

<https://www.sciencedirect.com/science/article/pii/S016882781400395X> - 翻译此页

作者: Y Iwakiri - 2014 - 被引用次数: 124 - 相关文章

Heterogeneity of vascular beds in portal hypertension. ... vascular endothelial growth factor; PDGF, platelet derived growth factor; PIGF, placental growth factor.

Molecular pathophysiology of portal hypertension

<https://aasldpubs.onlinelibrary.wiley.com/doi/pdf/10.1002/hep.27343> - 翻译此页

作者: M Fernandez - 2015 - 被引用次数: 60 - 相关文章

2014年7月27日 - discoveries about the pathophysiology of portal hypertension (PHT). ... bed, with several vasoactive molecules, controlled at multiple levels, working ... future for patients with PHT. ... receptor-b; PHT, portal hypertension; PIGF, placental growth factor; are up-regulated in cirrhotic livers and associated with.

Molecular pathophysiology of portal hypertension - Fernandez - 2015 ...

<https://aasldpubs.onlinelibrary.wiley.com/.../%28ISSN%291527-3350%28C...> - 翻译此页

作者: M Fernandez - 2015 - 被引用次数: 60 - 相关文章