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Retrospective Study

Golgi protein-73: A biomarker for assessing cirrhosis and prognosis of liver disease patients

Gatselis NK *et al.* GP73 in liver cirrhosis and outcome

Nikolaos K Gatselis, Tamás Tornai, Zakera Shums, Kalliopi Zachou, Asterios Saitis, Stella Gabeta, Roger Albasa, Gary L Norman, Mária Papp, George N. Dalekos

Abstract

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Changes in **serum GP73** levels were closely associated with changes in **liver injury severity**, and, therefore, **GP73** may be an effective **new liver inflammatory injury biomarker**, and could be useful for monitoring the **prognosis** of **chronic HBV infectious patients** with normal ALT levels.

Cited by: 19**Author:** Zhengju Xu, Liguang Liu, Xingnan Pan, K...**Publish Year:** 2015

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Although **Golgi protein 73 (GP73)** has been widely evaluated for **diagnosing hepatocellular carcinoma (HCC)** and other **liver diseases** in recent decade, its serum profile of **patients** with **hepatitis B virus (HBV)**-associated **acute-on-chronic liver failure (HBV-ACLF)** is still unknown.

Cited by: 11**Author:** Hongshan Wei, Jing Zhang, Hongmin Li...**Publish Year:** 2014

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<https://www.nature.com/articles/s41598-018-36480-3>

Feb 04, 2019 · In conclusion, **GP73** could be used as an additional **serum marker** for the **diagnoses** of **liver inflammation** and **fibrosis** in **chronic HBV infected patients** with normal or slightly raised ALT. Moreover, the diagnostic performance of **GP73** for **liver inflammation** is stronger than for **liver fibrosis**.

Cited by: 2**Author:** Meijuan Wei, Zhengju Xu, Xingnan Pan, ...**Publish Year:** 2019

N-Linked Glycosylation of the Liver Cancer Biomarker GP73 ...

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Golgi protein-73: A biomarker for assessing cirrhosis and prognosis



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diagnostic performance of **serum Golgi protein 73 (GP73)** for significant fibrosis in patients with **chronic HBV** infection. A total of 801 patients with **chronic liver disease** (CLD; 492 **chronic HBV infection** and 309 non-HBV liver disease) with **liver biopsy performance** were enrolled. Healthy controls (**n = 180**) and

Cited by: 7

Author: Z. Cao, Z. Li, Y. Wang, Y. Liu, R. Mo, P. Ren, L...

Publish Year: 2017

[Serum Golgi Protein 73 as a Potential Biomarker for ...](#)

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Therefore, it is necessary to develop new noninvasive **biomarkers** to identify the presence of necroinflammation and if possible to reflect the inflammatory activity of the **liver** in **NASH patients**. **Golgi protein 73 (GP73)** is a resident **Golgi** transmembrane glycoprotein primarily expressed in biliary epithelial cells but rarely in hepatocytes in the ...

Author: Leijie Wang, Mingjie Yao, Shuhong Liu, ...

Publish Year: 2020

[Golgi protein 73 as a biomarker for hepatocellular ...](#)

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Golgi protein 73 (GP73), otherwise known as **Golph2**) is a resident **Golgi-specific membrane protein** that is expressed in the normal liver by biliary epithelial cells. The expression of **GP73** undergoes a notable increase in **chronic liver diseases**, particularly in **HCC cells** (13)

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diagnostic performance of **serum Golgi protein 73 (GP73)** for significant fibrosis in patients with **chronic HBV** infection. A total of 801 patients with **chronic liver disease** (CLD; 492 **chronic HBV infection** and 309 non-HBV liver disease) with **liver biopsy performance** were enrolled. Healthy controls (n = 180) and

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Golgi protein 73 (GP73) is a resident **Golgi transmembrane glycoprotein** primarily expressed in **biliary epithelial cells** but rarely in hepatocytes in the normal liver . **Serum GP73** once had been reported as a potential diagnostic marker for HCC [17 – 21].

Author: Leijie Wang, Mingjie Yao, Shuhong Li...**Publish Year:** 2020

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Golgi protein 73 (GP73), otherwise known as **Golp2** is a resident **Golgi-specific membrane protein** that is expressed in the normal liver by biliary epithelial cells. The expression of **GP73** undergoes a notable increase in **chronic liver diseases**, particularly in HCC cells (13).

Cited by: 15**Author:** Jing Yang, Jingjing Li, Weiqi Dai, Fan Wa...**Publish Year:** 2015

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Therefore, we aimed to evaluate the diagnostic performance of **serum Golgi protein 73 (GP73)** for significant fibrosis in patients with **chronic HBV** infection. A total of 801 patients with **chronic liver disease** (CLD; 492 **chronic HBV infection** and 309 non-HBV liver disease) with liver biopsy performance were enrolled.

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