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Retrospective Study

Serum N-glycan markers for diagnosing liver fibrosis induced by hepatitis B virus

Cao X *et al.* Serum N-glycan markers for diagnosing LF induced by HBV

Xi Cao, Qing-Hua Shang, Xiao-Ling Chi, Wei Zhang, Huan-Ming Xiao, Mi-Mi Sun, Gang Chen, Yong An, Chun-Lei Lv, Lin Wang, Yue-Min Nan, Cui-Ying Chen, Zong-Nan Tan, Xue-En Liu, Hui Zhuang

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Chronic HBV is a well-recognized risk factor for cirrhosis and liver cancer. 2 The overall prevalence of severe fibrosis in chronic hepatitis B (CHB) patients was 34% with higher rates seen in elder age groups, males and in patients with higher alanine aminotransferase (ALT) levels. 3 The risk of HCC increases with increasing level of HBV DNA in serum (viral load). 4 The early diagnosis of liver fibrosis ...

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Molecular Serum Markers of Liver Fibrosis

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Jul 23, 2012 · Since **fibrosis** is the result of **liver injury**, **serum markers of liver fibrosis** could indicate the degree of **liver damage** and function. These **markers** are easy to **measure** as they are based on routine laboratory **tests** conducted in a hospital.

Cited by: 141

Author: Tianhui Liu, Xiaoming Wang, Morten A. K...

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Chronic hepatitis C virus infection: Serum biomarkers in ...

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Jan 28, 2016 · Core tip: Liver biopsy represents the gold standard for evaluating liver damage, but identification of non-invasive **serum markers** that mirror liver injury progression is the actual goal in both adults and children. Over the last few years, several non-invasive **markers** have been proposed, especially for **liver fibrosis diagnosis**. In this review, we discuss the role of **serum** biomarkers for ...

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Author: Pamela Valva, Daniela A Ríos, Elena De ...

Publish Year: 2016

N-glycomic changes in hepatocellular carcinoma patients ...

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Oct 29, 2007 · We evaluated the use of **blood serum N-glycan fingerprinting** as a tool for the diagnosis of **hepatocellular carcinoma (HCC)** in patients with **cirrhosis induced by hepatitis B virus (HBV)**. A group of 450 **HBV-infected** patients with **liver fibrosis** or **cirrhosis** ...

Cited by: 153

Author: Xue-En Liu, Xue-En Liu, Xue-En Liu, Lies...

Publish Year: 2007

[PDF] Serum N-glycomic markers in combination with panels ...

<https://www.medigraphic.com/pdfs/hepato/ah-2012/ah122g.pdf>

hepatitis B.4 Therefore, it is imperative to find convenient and **noninvasive indicators** for the clinical diagnosis of **liver diseases**. In the last decade, diagnostic models using **combined serum markers** have become an interest area in the studies on **liver fibrosis**. Models for the **diagnosis of chronic hepatitis C**

Serum Hyaluronic Acid: A Promising Marker of Hepatic ...

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Many parameters for **noninvasive diagnosis of liver fibrosis** were studied extensively in the past [4, 8]. These parameters include routine laboratory tests, **serum markers of fibrosis** and