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## Non alcoholic fatty liver disease two-hit process: multifactorial ...

by P Paschos - 2009 - [Cited by 22](#) - [Related articles](#)

**Non alcoholic fatty liver disease** two-hit process: multifactorial character of the second hit ... As mentioned in the review, NAFLD represents a continuum of hepatic injuries, ... the "second hit" and promote hepatic injury, **inflammation** and **fibrosis**. ... as a main **instigator** triggering the progression of steatosis to steatohepatitis.

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## Metabolic disturbances in non-alcoholic fatty liver disease.

by CD Byrne - 2009 - [Cited by 280](#) - [Related articles](#)

(1)Endocrinology & **Metabolism** Unit, Institute for Developmental Sciences, ... NAFLD (**non-alcoholic fatty liver disease**) refers to a wide spectrum of liver ... simple steatosis to NASH (non-alcoholic steatohepatitis), advanced **fibrosis** and cirrhosis. ... Fatty Liver/**metabolism**; Humans; **Inflammation**/complications; Lipogenesis ...

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## Metabolic syndrome and risk factors for non-alcoholic fatty ...

by MRA Souza - 2012 - [Cited by 192](#) - [Related articles](#)

Included NAFLD lesions are **steatosis**, lobular and portal **inflammation**, hepatocyte injury as ballooning and apoptosis, and **fibrosis**<sup>(10)</sup>. In the latter are included ...

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## תזונה - Non-Alcoholic Fatty Liver Disease: The Most Common ...

**Non-Alcoholic Fatty Liver Disease: The Most Common** on Nutritional/**Metabolic** ... In alcoholic

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 54329

**Manuscript Type:** REVIEW

**Metabolic inflammation as an instigator of fibrosis during non-alcoholic fatty liver disease**

Katsarou A *et al.* Inflammation and liver fibrosis

Angeliki Katsarou, Ioannis I Moustakas, Iryna Pyrina, Panagiotis Lembessis, Michael Koutsilieris, Antonios Chatzigeorgiou

## Match Overview

1	<b>Crossref</b> 42 words P.N. Shivakumara, T.V. Aravindakshan, Thomas Naicy, K. Anilkumar, R. Uma. "Molecular characterization and differe	1%
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Metabolic inflammation as an instigator of fibrosis during



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## Non alcoholic fatty liver disease and metabolic syndrome

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2633261>

**Non-alcoholic fatty liver disease** (NAFLD) is a clinicopathologic entity increasingly recognized as a major health burden in developed countries. It includes a spectrum of **liver damage** ranging from simple steatosis to nonalcoholic steatohepatitis (NASH), advanced **fibrosis**, and rarely, progression to cirrhosis.

## Potential early biomarker to track development of non ...

<https://medicalxpress.com/news/2020-04-potential...> ▾

11 days ago · "We identified NREP as a new biomarker for NAFLD that is involved in the regulation of **liver fat metabolism** and in a process called **fibrosis** that occurs **during ... non-alcoholic fatty liver disease**.

## Non-alcoholic fatty liver disease as a cause and a ...

[https://www.thelancet.com/journals/landia/article/PIIS2213-8587\(14\)70032-4/fulltext](https://www.thelancet.com/journals/landia/article/PIIS2213-8587(14)70032-4/fulltext)

Nov 01, 2014 · **Metabolic syndrome** is a cluster of **metabolic abnormalities** that identifies people at risk of diabetes and cardiovascular disease, whereas **non-alcoholic fatty liver disease** (NAFLD) is defined as a disorder with excess **fat in the liver** due to **non-alcoholic** causes.

Metabolic inflammation as an instigator of fibrosis in the



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## JCI - The initiation of metabolic inflammation in ...

<https://www.jci.org/articles/view/88882> ▾

**Liver inflammation and fibrosis** Yukinori Koyama et al. **The initiation of metabolic inflammation in childhood obesity** Kanakadurga Singer et al. **The ominous triad of adipose tissue dysfunction: inflammation, fibrosis, and impaired angiogenesis** Clair Crewe et al.

**Cited by:** 55

**Author:** Kanakadurga Singer, Carey N. Lumeng

**Publish Year:** 2017

## [The Metabolic Reprogramming Profiles in the Liver Fibrosis ...](https://link.springer.com/article/10.1007/s10753-019-01160-5)

<https://link.springer.com/article/10.1007/s10753-019-01160-5> ▾

Disordered glucose and lipid metabolism contributes to the progression of several **liver** diseases, while the upregulation of phosphatase and tensin homology deleted on chromosome ten (PTEN), a well-known tumour suppressor gene, can improve the condition through **metabolic** programming. This study first characterized the **metabolic** profiles and the involvement of PTEN in the hepatic **fibrosis** ...

**Author:** Xin-yu Qian, Wei-min Ding, Qing-qing ...

**Publish Year:** 2020

## JCI - Liver inflammation and fibrosis