

[Lipidomics in Nonalcoholic Fatty Liver Disease: Exploring ...](#)

<https://journals.lww.com/jpgn/Fulltext/2020/10000/...>

Disturbances in lipid metabolism play an important role in the pathogenesis of nonalcoholic fatty liver disease (NAFLD). Using lipidomics, an analytical technique that is used to broadly survey lipid metabolism, we searched for biomarkers in plasma that are correlated with the presence of hepatic steatosis in children with obesity.

[Lipidomics in Nonalcoholic Fatty Liver Disease: Exploring ...](#)

<https://pubmed.ncbi.nlm.nih.gov/32947564>

Objectives: Disturbances in lipid metabolism play an important role in the pathogenesis of nonalcoholic fatty liver disease (NAFLD). Using lipidomics, an analytical technique that is used to broadly survey lipid metabolism, we searched for biomarkers in plasma that are correlated with the presence of hepatic steatosis in children with obesity.

Cited by: 1 Author: Laura G Draijer, Laura G Draijer, Denise F...

Publish Year: 2020

[Update on lipid species and paediatric nonalcoholic fatty ...](#)

<https://pubmed.ncbi.nlm.nih.gov/27906700>

Purpose of review: To describe the recent advances in our understanding of fatty acids and lipids in paediatric nonalcoholic fatty liver disease (NAFLD) and their future implications. Recent findings: Data have been accumulated to suggest that ceramides are the main drivers of hepatic insulin resistance in NAFLD, and inhibition of ceramide synthesis improves histology in mice. Saturated fatty acids formed ...

Cited by: 1 Author: Jake P. Mann, Ariel E. Feldstein, Ariel E. ...

Publish Year: 2016

[A lipidomic analysis of nonalcoholic fatty liver disease ...](#)

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.21763>

Jul 25, 2007 - Nonalcoholic fatty liver disease (NAFLD) is a common cause of chronic liver disease in North America. 1 NAFLD is associated with insulin resistance and the metabolic syndrome. 2, 3 The clinical-histologic spectrum of NAFLD extends from a nonalcoholic fatty liver (NAFL) to nonalcoholic steatohepatitis (NASH). 4 Although NASH is distinguished from NAFL by the presence of cytologic ballooning and inflammation, both conditions are characterized by a fatty liver...

Cited by: 982 Author: Puneet Puri, Rebecca A. Baillie, Michelle...

Publish Year: 2007

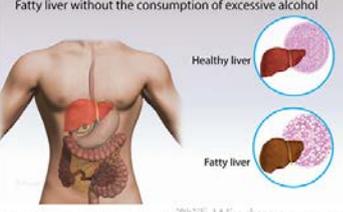
Advances in pediatric nonalcoholic fatty liver disease...
<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.23119>
Sep 28, 2009 Nonalcoholic fatty liver disease (NAFLD) is now the most common cause of chronic liver disease in children and adolescents in the United States. 1 Over the last two decades, the rise in
Cited by: 344 Author: Rohit Loomba, Claude B. Sirlin, Jeffrey B. ...
Publish Year: 2009

Clinical advances in pediatric nonalcoholic fatty liver ...
<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.28441>
Jan 11, 2016 The importance of nonalcoholic steatohepatitis (NASH) was first recognized formally at a National Institutes of Health Consensus Symposium in December 1998. 1 Since then, there has been ...
Cited by: 28 Author: Jeffrey B. Schwimmer
Publish Year: 2016

Update on lipid species and paediatric nonalcoholic fatty ...
<https://pubmed.ncbi.nlm.nih.gov/27906700>
Serum lipidomics appears to correlate with hepatic lipidomics. Therapeutic trials of polyunsaturated fatty acids in children have had mixed results, with some reductions in noninvasive biomarkers....
Cited by: 2 Author: Jake P. Mann, Ariel E. Feldstein, Ariel E. ...

Non-Alcoholic Fatty Liver Disease

Medical Condition



Fatty liver without the consumption of excessive alcohol

Healthy liver

Fatty liver

A condition in which fat accumulates in the liver in people who drink little or no alcohol.

Very common (More than 3 million cases per year in US)

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 63390

Manuscript Type: MINIREVIEWS

Advances in paediatric non-alcoholic fatty liver disease: Role of lipidomics

Lipidomics and fatty liver in children

ANNA DI SESSA, simona riccio, emilia pirozzi, martina verde, Antonio Paride Passaro,
Giuseppina Rosaria Umamo, Stefano Guarino, Emanuele Miraglia del Giudice, Pierluigi
Marzuillo

Match Overview

| | | |
|---|--|-----|
| 1 | Internet 101 words www.ncbi.nlm.nih.gov | 4% |
| 2 | Internet 49 words crawled on 25-Oct-2020 journals.lww.com | 2% |
| 3 | Internet 14 words crawled on 22-Nov-2020 doaj.org | <1% |

激活 Windows
转到设置以激活 Windows。

国内版 国际版

Advances in paediatric non-alcoholic fatty liver disease: Role of lipid



ALL IMAGES VIDEOS

92,300 Results Any time ▾

Clinical advances in pediatric nonalcoholic fatty liver ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.28441>

Jan 11, 2016 · The importance of nonalcoholic steatohepatitis (NASH) was first recognized formally at a National Institutes of Health Consensus Symposium in December 1998. 1 Since then, there has been ...

Cited by: 28

Author: Jeffrey B. Schwimmer

Publish Year: 2016

Pediatric non-alcoholic fatty liver disease: Recent advances

<https://www.sciencedirect.com/science/article/pii/S2210740114000527>

Sep 01, 2014 · Introduction. Non-alcoholic fatty liver disease (NAFLD) now represents the most frequent cause of chronic liver disease in industrialized countries in children and adolescents, as a direct...

Cited by: 13

Author: Claudia Della Corte, Pietro Vajro, Piotr So...

Publish Year: 2014

PEOPLE ALSO ASK

How is lipidomics used to treat nonalcoholic fatty liver disease? ▾

Which is the most common nonalcoholic liver disease? ▾

Which is the most common chronic liver disease in children? ▾

How is lipidomics used to diagnose complex diseases? ▾

Feedback

Update on lipid species and paediatric nonalcoholic fatty ...

<https://pubmed.ncbi.nlm.nih.gov/27906700>

Serum lipidomics appears to correlate with hepatic lipidomics. Therapeutic trials of polyunsaturated fatty acids in children have had mixed results, with some reductions in noninvasive biomarkers....

Cited by: 2

Author: Jake P. Mann, Ariel E. Feldstein, Ariel E. ...

Publish Year: 2016