

Special Issue

Diet and Lipid Metabolism in Steatotic Liver Disease

Message from the Guest Editor

Metabolic dysfunction-associated steatotic liver disease represents the most common cause of chronic liver disease. MASLD represents a spectrum of liver-related conditions, including steatosis, Metabolic dysfunction-associated steatohepatitis, cirrhosis, and hepatocellular carcinoma. A number of dietary components have been implicated in MASLD development and progression, namely saturated fat and free sugars. These components are thought to influence pathways of hepatic lipid metabolism. Additionally, this accumulation of lipids in hepatocytes is thought to lead to the activation of inflammatory pathways, ultimately resulting in hepatocellular damage. However, there is heterogeneity in MASLD pathogenesis, and the dietary responses in hepatic lipid metabolism in varied populations are unclear. Furthermore, as lifestyle interventions represent the cornerstone management strategy for MASLD, establishing optimal dietary patterns for the prevention and treatment of MASLD is key. The aims of this Special Issue are to provide key research advancements in regards the interaction between diet and MASLD to aid in the identification of strategies to prevent or reverse hepatic fat accumulation.

Guest Editor

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Deadline for manuscript submissions

5 June 2026



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/260490

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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