

Special Issue

Prebiotics and Probiotics in Liver Disease

Message from the Guest Editor

The role of prebiotics and probiotics in liver diseases has emerged as a compelling area of research, underscoring the intricate connections between gut microbiota and hepatic health. Recent studies highlight how beneficial microbes and their metabolic products can influence liver function by modulating gut barrier integrity, inflammation, and immune responses. This Special Issue aims to delve into these fascinating interactions, exploring how prebiotics and probiotics can potentially mitigate various liver disorders, from metabolic dysfunction-associated steatotic liver disease (MASLD) to advanced hepatic conditions such as cirrhosis, primary sclerosing cholangitis (PSC), and primary biliary cholangitis (PBC). We invite researchers to contribute original studies, comprehensive reviews, and innovative perspectives that enhance our understanding of the gut–liver axis. Our ultimate goal is to foster a deeper appreciation of these microbial interventions, paving the way for novel therapeutic strategies and improved patient outcomes in hepatology.

Guest Editor

Dr. Michele Biagioli

Department of Medicine and Surgery, University of Perugia, Perugia, Italy

Deadline for manuscript submissions

closed (5 December 2025)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/240841

Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)





Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)



About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)