

Special Issue

MASLD and Its Comorbidities: From Pathophysiology Perspectives

Message from the Guest Editor

Metabolic dysfunction-associated steatotic liver disease (MASLD) has emerged as the most common chronic liver disease worldwide, currently affecting over 30% of the adult population. It has lately drawn increasing attention due to its prevalence, increased risk of hepatic and extrahepatic outcomes, and its intricate relationships with other metabolic disorders. A better understanding of the pathogenetic mechanisms is essential for the prevention of progression towards the more advanced stages of the disease and improved therapeutic interventions. In addition, the changes of terminology and diagnostic criteria of a metabolic liver disease from NAFLD to MAFLD and then MASLD requires the reappraisal of evidence. This Dual-Section Special Issue will explore a broader range of MASLD-related topics starting from epidemiology and pathogenetic mechanisms. This Special Issue will include papers that apply translational research to explore the cellular and molecular mechanisms related to MASLD, integrative physiology, disease pathogenesis of MASLD and its complications/comorbidities, diagnostic tests and biomarkers.

Guest Editor

Prof. Dr. Simona Cernea

1. Department M3, Internal Medicine I, George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, 540142 Târgu Mureș, Romania

2. Diabetes, Nutrition and Metabolic Diseases Outpatient Unit, Emergency County Clinical Hospital, 540136 Târgu Mureș, Romania

Deadline for manuscript submissions

9 May 2025



Life

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 4.3
Indexed in PubMed



mdpi.com/si/215610

Life
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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





Life

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 4.3
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, PMC, CAPIus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)