



*life*



an Open Access Journal by MDPI

## Advances in Non-alcoholic Fatty Liver Disease: Pathophysiology, Diagnosis, and Emerging Therapies

Guest Editors:

**Dr. Ioannis Katsaros**

First Department of Surgery,  
National and Kapodistrian  
University of Athens, Laikon  
General Hospital, Athens, Greece

**Dr. Dimitrios Schizas**

First Department of Surgery,  
Laikon General Hospital, National  
and Kapodistrian University of  
Athens, Athens, Greece

Deadline for manuscript  
submissions:

**26 April 2025**

### Message from the Guest Editors

Non-alcoholic fatty liver disease (NAFLD) is the most common cause of chronic liver disease worldwide, correlating strongly with the increasing prevalence of metabolic syndrome. First recognized in the 1980s, NAFLD encompasses a spectrum ranging from simple steatosis to non-alcoholic steatohepatitis (NASH), which can progress to cirrhosis and hepatocellular carcinoma. Despite its widespread impact, the pathophysiological mechanisms and optimal management strategies for NAFLD are not yet fully understood, necessitating ongoing research and clinical innovation.

This Special Issue aims to provide a platform for the dissemination of the latest research findings and clinical advancements in NAFLD. We are particularly interested in studies elucidating the molecular and genetic underpinnings of NAFLD, the role of the gut-liver axis, and the impact of comorbid conditions such as diabetes and cardiovascular disease. Advances in non-invasive diagnostic techniques, including imaging and biomarkers, are also a key focus. Additionally, we seek submissions focused on innovative therapeutic approaches, encompassing lifestyle interventions, pharmacotherapy, and surgical treatments.



[mdpi.com/si/211809](https://mdpi.com/si/211809)

**Special** Issue



*life*



an Open Access Journal by MDPI

## 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

## 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.

## 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](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

## Contact Us

---

*Life* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/life](http://mdpi.com/journal/life)  
[life@mdpi.com](mailto:life@mdpi.com)  
[X@Life\\_MDPI](#)