

## Special Issue

# Molecular and Metabolic Insights into Liver Disease

### Message from the Guest Editor

Chronic liver disease (CLD) is a major global health problem, affecting an estimated 844 million people worldwide. In fact, CLD caused by viral infections, alcohol/drug abuse, or metabolic disorders has increased mortality. These conditions lead to ongoing hepatocellular damage, culminating in liver fibrosis. The hepatocyte response to inflammation plays a crucial role in the pathophysiology of liver fibrosis, involving the recruitment of pro-inflammatory and anti-inflammatory cells, as well as the production of various cytokines and chemokines that stimulate hepatic stellate cells. Despite the substantial burden of CLD, the molecular mechanisms involved in the pathophysiology of liver disease that drive these conditions remain incomplete. Therefore, this issue aims to provide new insights into the cellular and molecular mechanisms involved in CLD.

### Guest Editor

Prof. Dr. Nahum Mendez-Sanchez

1. Fundación Clínica Médica Sur, Ciudad de México, México
2. Faculty of Medicine, National Autonomous University of Mexico, Mexico City, Mexico

### Deadline for manuscript submissions

closed (15 November 2024)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/206913](https://mdpi.com/si/206913)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

---

### 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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore  
- Q1 (Organic Chemistry)