



Molecular Mechanisms and Novel Therapies of Liver Diseases

Guest Editor:

Dr. Mi Kyung Park

Department of BioHealthcare,
Hwasung Medi-Science
University, Hwaseong-si 18274,
Gyeonggi-do, Republic of Korea

Deadline for manuscript
submissions:

closed (25 May 2024)

Message from the Guest Editor

Dear Colleagues,

The incidence and prevalence of acute and chronic liver disease (CLD) are on the rise globally. Liver disease encompasses a wide range of challenging conditions for which the underlying molecular mechanisms and effective pharmacological therapies are still unclear. Understanding the underlying molecular mechanisms of liver disease may reveal potential therapeutic targets. Interactions and remodeling between the liver's microenvironment and the extracellular matrix (ECM) also play a pivotal role in the progression of liver disease. Additionally, understanding the complex interplay between autophagy, molecular pathways, epigenetic modifications, and the microenvironment of the liver is essential for developing targeted therapies for various liver diseases. Various factors within the liver microenvironment may contribute to the development and progression of diseases.

This Special Issue titled "Molecular Mechanisms and Novel Therapies of Liver Diseases" serves as a dedicated platform for delving into a comprehensive exploration of the molecular mechanisms underpinning liver disease progression and the exploration of potential therapeutic approaches.





an Open Access Journal by MDPI

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

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI