Special Issue

Advances in Molecular Biomarkers in Liver Diseases

Message from the Guest Editor

Liver transplantation is widely accepted as an effective therapeutic modality for end-stage liver diseases. The results of liver transplantation have improved due to the improvement of perioperative techniques and the introduction of immunosuppressive drugs. However, post-transplant complications are common in the early and long-term period and contribute to significant morbidity and mortality. Therefore, how we precisely predict/diagnose post-transplant complications such as early allograft dysfunction, biliary complications, infection, acute and chronic rejection, and disease recurrence (fatty liver/NASH, hepatitis, fibrosis, cirrhosis, or hepatocellular carcinoma) is a quite important issue for achieving the road to tolerance in liver transplantation. The scope of the Special Issue is to summarize potential biomarkers for prediction and diagnosis of post-transplant complications both in experimental and clinical liver transplantation, and we discuss the future perspectives for tolerance induction in liver transplantation. Original articles and comprehensive reviews in the topic that focus on molecular research are warmly welcomed.

Guest Editor

Dr. Toshiaki Nakano

1. Graduate Institute of Clinical Medical Sciences, Chang Gung University College of Medicine, Taoyuan, Taiwan
2. Liver Transplantation Center, Kaohsiung Chang Gung Memotial Hospital, Kaohsiung, Taiwan

Deadline for manuscript submissions

closed (20 February 2025)

MDPI

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)