

## Special Issue

# Molecular Biology of Liver Diseases: Pathogenesis, Diagnostics and Treatment

### Message from the Guest Editors

Non-alcoholic fatty liver disease (NAFLD), recently renamed metabolic-associated fatty liver disease (MAFLD), is the most prevalent form of chronic liver disease in the world. The pathogenic mechanism of NAFLD is heterogeneous, complex, and multifactorial, involving a combination of genetic and environmental factors, with an unhealthy lifestyle playing a crucial role in its development. Studying the molecular mechanisms involved in NAFLD pathogenesis is crucial for developing effective prevention and treatment strategies. Research on the pathogenetic mechanisms leading to NAFLD has made significant progress in recent years, though it remains unclear. This Special Issue, entitled “Molecular Biology of Liver Diseases: Pathogenesis, Diagnostics and Treatment”, welcomes submissions of original research and review articles on the advancements in molecular mechanism discoveries and novel genetic risk factor identification to contribute to novel prevention and therapeutic approaches.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2025)



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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.

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### Editor-in-Chief

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