

## Special Issue

# Liver Diseases: Causes, Molecular Mechanism and Treatment/Prevention

### Message from the Guest Editor

This Special Issue is dedicated to advancing the understanding of liver diseases by delving into their underlying causes, intricate molecular mechanisms, and innovative strategies for treatment and prevention. Liver diseases—including viral hepatitis, non-alcoholic fatty liver disease (NAFLD), liver fibrosis, and gut–liver axis, spleen–liver axis, and alcoholic liver disease, as well as cirrhosis—continue to pose significant challenges to global health. This issue highlights groundbreaking research on the pathophysiology of liver disorders, the roles of genetics, epigenetics, and molecular pathways involved in liver injury and repair. It also focuses on advancements in therapeutic interventions, such as pharmacological treatments, gene therapy, biomarker-guided strategies, emerging biotechnologies, and lifestyle modifications. By integrating diverse perspectives on etiology, molecular biology, and clinical approaches, this collection aims to promote interdisciplinary collaboration, bridge knowledge gaps, and ultimately provide actionable insights to improve patient care and outcomes.

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### Guest Editor

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### Deadline for manuscript submissions

20 May 2026



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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