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Liver Injury and Regeneration—Metabolic Research

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Deadline for manuscript submissions:
closed (31 January 2026)

Message from the Guest Editor

This Special Issue seeks to explore these connections and promote a deeper understanding of the underlying mechanisms and new therapeutic strategies. We invite the submission of manuscripts addressing, but not limited to, the following topics:

- Hepatic metabolism and its role in MASLD/NAFLD and chronic liver diseases.
- Molecular and cellular mechanisms of liver damage and regeneration.
- Impact of metabolic syndrome on liver function and pathology.
- Relationships between hepatic metabolism and the development of HCC.
- New therapeutic and diagnostic approaches in liver diseases. Responses to potential treatments for acute and chronic liver diseases.
- Effects of endoscopy on hepatic metabolism and regeneration.
- Application of conventional statistical methods and machine learning (ML) techniques in liver research.

We are interested in original articles, systematic reviews, and meta-analyses that utilize innovative approaches and advanced methodologies. We welcome studies employing both classical statistical analyses and those implementing ML techniques to advance the understanding of liver diseases and their treatment.

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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