

Special Issue

Genetic and Molecular Mechanisms of Liver Disease

Message from the Guest Editors

Dear colleagues, Liver disease is a cause of high morbidity and global mortality. It is a complex trait, such that the disease phenotype and its progression are driven by the interactions between environment and genetic background. Despite the different etiologies of liver diseases, ranging from obesity, metabolic disorders, and viral infection to alcohol abuse and cancer, the molecular mechanisms behind the disease onset inexorably lead to the activation of inflammatory mechanisms, leading to fibrosis and liver failure. The complexity and diversity of mechanisms behind liver disease may explain why standard treatments against liver disease are not working so far, highlighting the need to implement precision medicine in this field with tailored treatments based on the specific causative mechanism/gene. We invite scientists to contribute to this Special Issue both with original research and review articles, with the aim to provide an overview of the currently available knowledge, and of new evidence/findings on the genetic and molecular mechanisms of liver disease.

Guest Editors

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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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