



Genetic and Molecular Mechanisms of Liver Disease

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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.





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Message from the Editor-in-Chief

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