



an Open Access Journal by MDPI

Genetic and Molecular Mechanisms of Liver Disease

Guest Editors:

Dr. Rosellina Mancina

Department of Molecular and Clinical Medicine, Göteborgs Universitet, 413 45 Gothenburg, Sweden

Dr. Rocco Spagnuolo

Experimental and Clinical Medicine Department, Magna Graecia University, 88100 Catanzaro, Italy

Deadline for manuscript submissions: closed (30 September 2022)

Dear colleagues,

Message from the Guest Editors

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.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS_MDPI