

Special Issue

Gut and the Liver in Health and Disease

Message from the Guest Editor

Gut and the liver build a functional unit responsible for the digestion and processing of nutrients. The crosstalk between both organs is achieved by an exchange of factors. The current Special Issue aims to reflect the physiology and pathophysiology of both organs with a particular focus on the role of microbiota, bile acids and soluble factors circulating in the blood. The submission of manuscripts providing insights into the corresponding human disorders is strongly encouraged, regardless of whether they stem from analyses of human samples or from experimental animal models. Both acute and chronic injury with processes such as hepatocellular death, the influx of inflammatory cells and chronic tissue remodeling are of interest, as is the analysis of affected signaling pathways. Advanced liver fibrosis with the development of portal hypertension and associated alterations of the gut–liver unit are mostly welcome. Overall, this Special Issue aims to reflect the complexity of this functional unit and bring together biologists, immunologists, physician scientists and bioinformaticians on this fascinating and advanced topic.

Guest Editor

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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.

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