

## Special Issue

# Cellular and Molecular Mechanisms Governing Liver Pathophysiology

### Message from the Guest Editor

Liver functions are finely tuned by environmental stimuli, which translate into adaptative cellular behaviors partly through modulation of their transcriptome. Indeed, cells of the non-parenchymal fraction and their inter-cellular cross-talks with hepatocytes are increasingly being defined as central components in healthy and injured liver. In this context, liver physiological activities, regenerative capacity, and alterations in acute or chronic conditions are driven by coordinated molecular changes in the different liver cell-types. These mechanisms are now investigated at (multi-)omics levels, allowing us to obtain novel insights into the molecular control of liver cells' activities. The purpose of this Special Issue is to highlight recent findings that shed light on how the functions of hepatocytes and non-parenchymal cells are controlled at the molecular level to trigger adaptative or maladaptive responses in liver pathophysiology. We welcome the submission of both original research articles and reviews.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 March 2022)



## Cells

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### Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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