



cells



an Open Access Journal by MDPI

Liver Injury and Regeneration: From Basic to Translational Research

Guest Editor:

Dr. Kuo Du

Department of Medicine, Duke University, Durham, NC, USA

Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editor

The liver plays a central role in all metabolic processes. However, it is constantly exposed to a plethora of insults, including hepatitis virus, alcohol, high-fat diet and drugs/chemicals, which can act to cause liver injury. Interestingly, the liver has a unique and remarkable ability to regenerate. In acute and transient injury, the liver mass and function can be restored within a week by proliferation and remodeling of the remaining cells. However, in many chronic conditions, the injury can persist and the regenerative capacity of the liver eventually becomes impaired, resulting in progressive deterioration of liver functions and eventually hepatic scarring and cirrhosis. Therefore, the outcome of liver injury is also dictated by the effectiveness of liver regeneration and repair. In this Special Issue, we invite you to improve the current knowledge of any aspect of cellular and molecular mechanisms of liver injury and regeneration with original research articles, and to summarize the current state of this intriguing field with compelling reviews. Manuscripts providing translational value will be particularly welcome.



mdpi.com/si/114356

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

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.

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](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (*General Biochemistry, Genetics and Molecular Biology*)

Contact Us

Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)