Special Issue

Liver Injury and Regeneration: From Basic to Translational Research

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.

Guest Editor

Dr. Kuo Du
Department of Medicine, Duke University, Durham, NC, USA

Deadline for manuscript submissions

closed (30 November 2023)

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/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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Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

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