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Liver Injury and Regeneration: From Basic to Translational Research

Guest Editor:

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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



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