

Special Issue

Molecular Mechanisms of Hepatotoxicity: New Insights and Therapeutic Challenges

Message from the Guest Editor

The liver is the central organ for detoxification and metabolism of drugs and xenobiotics. In this Special Issue, we invite researchers to present primary research papers, reviews, visionary perspectives or retrospective analyses that address novel findings in deciphering the mechanisms of liver disease development as well as the molecular pharmacology of GPCR, hormone and nuclear receptor signaling at different stages of liver diseases and hepatocarcinogenesis. Studies addressing targeted pharmacological intervention at receptor signaling axes during hepatocarcinogenesis would be essential. Studies addressing redox signaling, toxicity mechanisms induced by epigenetic reprogramming, in silico and machine learning methods that advance understanding of mechanisms of toxicity, cytotoxicity mechanisms involving dysregulation of miRNA pathways, RNA metabolism, signal transduction, proliferation, differentiation, cell death pathways, transcriptomics, and toxicogenomics in the context of liver diseases are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



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Message from the Editor-in-Chief

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