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Molecular Toxicology of Drug Induced Liver Injury

Guest Editor:

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Deadline for manuscript submissions:
closed (31 October 2022)

Message from the Guest Editor

Published reports suggest that some hundreds of drugs may be toxic, causing drug-induced liver injury (DILI), although evidence of a robust causal attribution for all incriminated drugs is not always provided. According to prevailing mainstream concepts, liver injury by drugs is due to overdosed drugs, causing intrinsic injury, or to drugs used in recommended doses, causing idiosyncratic liver injury. Possible keywords for submissions are diagnostic biomarkers, genetics, immune mechanisms, reactive oxygen species (ROS), cytochrome P450 (CYP), blood exosomes, and risk factors under discussion such as drug lipophilicity, daily dose, and metabolic rate. The aim of this Special Issue is to provide a broad updated overview on these molecule-related liver injury features with their challenges and highlights and to foster more molecular research in DILI.

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Message from the Editor-in-Chief

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