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Hepatotoxin Exposures, Molecular Mechanisms, and Implications for Liver Diseases

Guest Editor:

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Deadline for manuscript submissions:
closed (31 July 2021)

Message from the Guest Editor

The liver is a major detoxification organ and encounters toxins from many different sources, including but not limited to endotoxins, exotoxins, mycotoxins and phycotoxins. These hepatotoxins can initiate and propagate various liver diseases through molecular and cellular mechanisms of liver damage and repair. These mechanisms are mediated through cell type specific effects in hepatocytes, stellate cells, Kupffer cells, endothelial cells, and cholangiocytes. There is a great need to better understand fundamental pathogenic toxin mechanisms in various species to connect exposures to liver diseases and improve risk assessment for different toxins.

This SI welcomes submissions including but not limited to:

- Hepatotoxin exposure assessment in model organisms or human populations
- Fundamental mechanisms of hepatotoxins in liver damage in in vitro systems or model organisms
- Roles of hepatotoxins in liver disease etiology and/or progression
- Interaction between hepatotoxins and other liver disease risk factors
- Review articles addressing the established, putative, and unexplored connections between toxins and liver diseases

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Editor-in-Chief

Prof. Dr. Jay Fox
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Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

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