



## Hepatotoxin Exposures, Molecular Mechanisms, and Implications for Liver Diseases

Guest Editor:

**Dr. John Clarke**

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USA

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

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