

Special Issue on
**Mechanisms of Hepatotoxicity and Hepatic
Detoxification**

CALL FOR PAPERS

Recent advances in molecular biology have enhanced our understanding about the effects of various therapeutics (herbal or synthetic) on living organisms. Not only can these agents have therapeutic effects through complex molecular mechanisms, but also several molecular mediators are involved in their toxicological properties. The liver is the main site of metabolism that contributes in the prevention and amelioration of such adverse effects. Therefore, it is necessary to evaluate the latent adverse effects of new therapeutics in the liver. The journal of this special issue is planning to publish a special issue focusing on molecular mechanisms involved in liver toxicology to provide a comprehensive and cohesive source of information based on the highest quality original research and critical reviews dealing with the biological signalling of detoxification in the liver and molecular pathways involved in hepatotoxicity.

This special issue will cover a selection of recent research topics and current review articles in the field of hepatology in which molecular mechanisms of toxicology are mainly explored.

Potential topics include but are not limited to the following:

- ▶ Immune signalling involved in liver tolerance
- ▶ The influence of the immune system and autoimmune diseases on hepatotoxicity and hepatic detoxification
- ▶ Roles of autophagy in orthotopic liver transplantation
- ▶ Roles of apoptosis in liver tolerance
- ▶ Immune signalling of oxidative stress in liver
- ▶ Liver transplantation and hepatic detoxification
- ▶ Mechanisms of liver detoxification

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jt/mhhd/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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