

## Special Issue

# New Frontiers in Organ Preservation and Hepatoprotection

### Message from the Guest Editor

Hepatic ischemia reperfusion injury (IRI) represents a significant risk of inferior outcomes following major liver resections and orthotopic liver transplantation (OLT). IRI has been recognized to be associated with severe complications, such as post-reperfusion syndrome, allograft and remnant liver dysfunction or even allograft rejection.

This Special Issue will cover a selection of original articles and state-of-the-art comprehensive review articles on recent research topics in the field of basic and translational hepatobiliary research and liver transplantation. This includes a broad spectrum of pharmacological treatments using synthetic or biological agents and/or surgical approaches (e.g., local/remote ischemic conditioning), ex vivo allograft therapies using dynamic or static organ preservation, and approaches aiming for the modulation of liver regeneration and mechanisms of injury. Clinical trials and studies will also be considered if they deliver mechanistic insights using molecular biological methods.

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### Guest Editor

Prof. Dr. René Hany Tolba

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### Deadline for manuscript submissions

closed (31 January 2021)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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