

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.

Guest Editor

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Message from the Editor-in-Chief

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