

Special Issue

Molecular Mechanisms and Pathophysiology of Ischemia-Reperfusion Injury 2.0

Message from the Guest Editors

This Special Issue is a continuation of our previous Special Issue “Molecular Mechanisms and Pathophysiology of Ischemia-Reperfusion Injury”. This Special Issue calls for original research, reviews, and perspectives that address the progress and current knowledge on the pathophysiological mechanisms of IRI, including but not limited to the following topics:

- Heart and stroke; liver; pancreas; kidney; intestine;
- Warm ischemia and reperfusion injury;
- Organ transplantation (cold ischemia-reperfusion injury);
- Organ preservation solutions, organ machine perfusion techniques (kidney and liver), inflammation, immunology, and trophic factors, autophagy, apoptosis;
- Mitochondrial and related markers and therapeutic strategies (i.e., plants and drugs) to prevent ischemia-reperfusion injury.

Guest Editors

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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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