

Special Issue

Advances in Acute Kidney Injury: From Bench to Bedside

Message from the Guest Editors

The past decade has witnessed major advancements in AKI prediction in ICU patients, utilizing complex prediction scores (i.e., the renal angina index) and unique biomarkers, allowing the detection of at-risk patients for timely interventions. Despite this, treatment options for severe AKI remain limited to supportive care and renal replacement therapy. Novel research models and methodologies for studying the molecular and cellular processes underlying human AKI are therefore urgently needed in order to enable the development of pathomechanism-based, targeted treatment options. Moreover, bridging the bench-to-bedside interface through translating basic findings for the improvement of clinical care and severe AKI patient outcomes is a crucial next step.

For submission to this Special Issue, original research articles and reviews are welcome. Case reports will not be considered for publication.

We look forward to receiving your valued contributions.

Guest Editors

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Deadline for manuscript submissions

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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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