

Special Issue

Acute Kidney Injury and Mitochondrial Involvement

Message from the Guest Editors

There is still a high rate of morbidity and mortality associated with acute kidney injury (AKI), making it a significant challenge around the globe. Increasing evidence suggests that mitochondrial dysfunction plays an important role in the pathogenesis of AKI, affecting mitochondrial energetics, oxidative stress, and programmed cell death. Novel therapeutic strategies and diagnostic biomarkers may be developed by understanding the molecular mechanisms linking mitochondrial impairment to AKI. This Special Issue on "Acute Kidney Injury and Mitochondrial Involvement" gathers the most recent research and reviews on mitochondrial biology in relation to AKI. It is our pleasure to welcome contributions exploring mitochondrial dynamics, metabolic reprogramming, mitophagy, and targeted interventions related to mitochondrial dynamics in preclinical settings. Researchers are invited to share their insights in the form of both research and review articles to advance our knowledge and improve outcomes for patients with AKI.

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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