

Special Issue

Immunometabolic Reprogramming in Diabetic Kidney Disease: The Interplay of Innate Immunity, Oxidative Stress, and Cellular Metabolism

Message from the Guest Editors

Kidney disorders, particularly diabetic kidney disease (DKD), represent a growing global health burden, driven by complex interplays among metabolic dysregulation, innate immune activation, and oxidative stress. A deeper understanding of the immunometabolic reprogramming underlying these processes is essential for identifying early biomarkers and developing targeted therapies.

We are pleased to invite you to contribute to this Special Issue titled “Immunometabolic Reprogramming in Diabetic Kidney Disease: The Interplay of Innate Immunity, Oxidative Stress, and Cellular Metabolism”, which aims to explore how aberrant cellular metabolism intersects with immune and oxidative pathways to promote renal injury and fibrosis.

By gathering multidisciplinary research, this Issue aims to advance our understanding of how immunometabolic axes contribute to DKD pathogenesis and to inspire innovative diagnostic and therapeutic strategies.

We look forward to receiving your contributions.

Guest Editors

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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