

Special Issue

Factors Involved in Structural and Functional Renal Impairments in Acute and Chronic Diseases

Message from the Guest Editor

Local cytotoxic effects, systemic disease burden, and nutritional imbalances are usually associated with the initiation and propagation of structural and functional renal impairments; irreversible chronic kidney diseases evolve without timely therapeutic interventions when available. Metabolic disorders, systemic diseases, infection, and immunoinflammatory dysregulations, including obesity, type 2 diabetes, hypertension, nephritis, and cystic diseases, are rising at an alarming rate around the globe and causing renal injuries, leading to significant worldwide morbidity and mortality. Despite progress in understanding the etiology of renal cell injuries, there are knowledge gaps on the pathogenesis of acute and chronic renal diseases. This Research Topic welcomes the submission of original manuscripts (unpublished research works), updated reviews (of the existing literature), and brief commentaries (on emerging areas of mechanisms of renal injuries). The idea is to broadly and holistically provide updated knowledge of structural and functional renal impairment mechanisms.

Guest Editor

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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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