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Inflammaging in Acute Kidney Injury (AKI) and Chronic Kidney Disease (CKD)

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

Chronic kidney disease (CKD) is nowadays considered a relevant problem for healthcare systems worldwide. Acute kidney injury (AKI) is nowadays considered an inflammatory disease, especially in the presence of tubular injury. Moreover, epidemiologic studies have shown that AKI is a pivotal and independent risk factor for CKD progression and the consequent increase in the hospitalization rate and healthcare costs. Taken together, these data suggest that AKI may act as an accelerator of kidney and distant organ aging. On this basis, several extracorporeal blood-purification techniques able to remove inflammatory and pro-aging mediators from the bloodstream may exert a protective role.

In this Special Issue, “Inflammaging in CKD and AKI”, we encourage the submission of original papers or reviews on this topic of great interest for the scientific community (nephrologists, intensivists, basic scientists), describing pathogenic mechanisms and possible new therapeutic targets to limit the accelerated tissue senescence typical of patients with both acute and chronic kidney diseases.



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Special Issue



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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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