



cells



an Open Access Journal by MDPI

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

Guest Editors:

Dr. Massimiliano Migliori

Nephrology and Dialysis Unit,
Versilia Hospital, 55041
Camaione, Italy

Dr. Vincenzo Cantaluppi

Nephrology, Dialysis and Kidney
Transplantation Unit,
Department of Translational
Medicine (DIMET), University of
Piemonte Orientale (UPO), Via
Gen P Salaroli, 17, 28100 Novara,
Italy

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.



mdpi.com/si/120448

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)