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From Pathology to Therapeutics: The Long Journey in Cardio-Renal Diseases

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

It is well established that heart and kidney are strongly interconnected, as much that primary disease of one of these organs often engage a damage to the other. The hallmarks of cardio-renal disorders are the development of cardiorenal hypertrophy, heart failure, fibrosis, as well as alteration of body fluid, electrolytes, and acid-base kidney homeostasis.

Improving the understanding of the pathophysiology of cardio-renal diseases can help finding new biomarkers to be adopted for their direct management. Moreover, establishment of innovative targeted therapies can attenuate the effects of the damage in one organ thus promoting multiorgan regeneration. In this context, the use of complex in vitro systems and new therapeutic approaches (biologics and cell-based therapy) can improve the research advances in important cardiorenal disorders.

This Special Issue of *Cells* therefore invites contributions of review articles and original research papers studying the cardio-renal interaction using multiple complex systems and possible innovative therapeutic strategies for their treatment.



mdpi.com/si/173847

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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