

Special Issue

Molecular Study of Renal Diseases

Message from the Guest Editors

Chronic kidney disease (CKD) is progressively increasing and often leading to end-stage kidney disease (ESKD) whose only therapeutic approaches are still represented by renal replacement therapies (RRTs). To help slowing down the progression of CKD and the comprehension of the underlying mechanisms leading to ESKD the application of alternative computational, digital and omic tools represents an invaluable resource applicable on different media (renal biopsy, blood, urine) to unveil the pathobiological basis of renal diseases. This can prompt (1) the detection of new diagnostic, prognostic and predictive biomarkers easily translatable to the clinical practice, (2) detect new putative targets for innovative therapies in the precision medicine direction and (3) understand the molecular modifications leading to the perturbation of renal homeostasis. We invite to submit your research in this Special Issue, entitled "Computational, Digital and Spatial Biology Tools for the Study of Renal Diseases", which aims to provide a research platform for the collection of original research articles and the latest reviews which cover all molecular aspects of kidney diseases.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2024)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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