

Special Issue

Kidney Disease: From Pathophysiology to Treatment

Message from the Guest Editors

Kidney disease represents a major global health burden, encompassing a wide spectrum of acute and chronic conditions that significantly impact morbidity, mortality, and healthcare systems. This Special Issue “Kidney Disease: From Pathophysiology to Treatment” invites original research articles and reviews that address the multifaceted nature of kidney disease. We welcome original research and reviews addressing cellular and molecular mechanisms of kidney injury, biomarker discovery and validation, genetic and epigenetic determinants, innovative pharmacological interventions, regenerative strategies, and precision medicine approaches. By integrating contributions across basic and translational research, this Special Issue seeks to promote an integrated understanding of kidney disease and stimulate the development of effective strategies to prevent, diagnose, and to inform the development of effective interventions that can improve patient outcomes.

Guest Editors

Dr. Paola Pontrelli

Department of Precision and Regenerative Medicine and Ionian Area,
University of Bari Aldo Moro, Piazza Giulio Cesare n. 11, 70124 Bari, Italy

Dr. Francesca Conserva

Department of Precision and Regenerative Medicine and Ionian Area,
University of Bari Aldo Moro, Piazza Giulio Cesare n. 11, 70124 Bari, Italy

Deadline for manuscript submissions

28 February 2026



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/253327

Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)





Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)



About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).