

Special Issue

New Insights in the Pathogenesis and Treatment of Chronic Kidney Disease and Its Complications

Message from the Guest Editor

Chronic kidney disease remains a global health challenge generated by a wide variety of causes, and can present either as primitive diseases of the kidneys or have secondary involvement in various systemic diseases. Consequently, the underlying mechanisms of the tisular lesions are very different, making it more difficult to comprehensively understand the pathogenesis of primary nephropathies, an essential step for applying adequate therapeutic strategies to halt or, at least delay, the progression of chronic kidney disease. Recently, a myriad of research has underscored the roles of complement and inflammation in the occurrence of glomerular diseases, and started to decipher the mechanisms of kidney fibrosis during renal pathologies. Both of these research directions are expected to open up new insights into CKD pathogenesis and, hopefully, to provide a rationale for future effective therapeutic interventions. Therefore, as a continuation of *Biomedicines*' mission to provide updated information on specific topics, it is my pleasure to invite all interested researchers to share with readers their novel data in the above mentioned fields through this Special Issue.

Guest Editor

Dr. Cristina Capusa

Nephrology Dept. at the "Dr. Carol Davila" Teaching Hospital of Nephrology, "Carol Davila" University of Medicine and Pharmacy, 010731 București, Romania

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

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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

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