



Magnesium in Health and Disease

Guest Editor:

Dr. Andrea M.P. Romani

School of Medicine, Case Western
Reserve University, Cleveland,
OH, USA

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

In the last three decades, the importance of magnesium content for cell function and the regulation of several metabolic, immunologic, neurologic, cardiovascular, obstetric, and oncologic conditions has increased exponentially together with a better understanding of the transport and energetic mechanisms that regulate magnesium homeostasis at the cellular and subcellular level, as well as at the systemic level.

The ultimate intent of this monographic Special Issue on magnesium in health and disease is to provide the interested readers with a collection of reviews and original research articles on key physiological and pathological conditions, to enhance the understanding of the major physiological roles magnesium ions play in eukaryotic cells and the major organ systems of the human body, and how the alteration of cellular and systemic magnesium homeostasis through therapeutic approaches, and endocrinopathies can result in the onset, progression, and severity of major pathologies and their complications in several organ systems.





an Open Access Journal by MDPI

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

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.

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*, *PMC*, *CAPLus / SciFinder*, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
X@Biomed_MDPI