

Special Issue

The Role of Vitamins in Human Health and Disease

Message from the Guest Editors

The impact of vitamin supplementation on health and disease has a long tradition. Despite the fact that the role of vitamins is relatively well described, there are still many topical questions, the answer to which would enable the resolution of many important issues related to the need for supplementation or increasing their supply depending on gender, age, season, or health condition. Additionally, due to the development of research methods, more new literature data are indicating the possibility of their different activities depending on their baseline concentrations in the body or the presence of disease. Due to the conflicting data appearing in the literature, the issue still remains relevant and is additionally gaining importance during the ongoing COVID-19 epidemic. For this issue, we invite the submission of articles that may contribute to a better understanding of the effects of all types of vitamins on the human body, both in health as well as in disease. These submissions can be based on studies of physiological function and regulation mechanism of vitamins, or subjected to therapeutic treatments, taking into account the modern methodology used in biomedical sciences.

Guest Editors

Dr. Małgorzata Żychowska

Department of Sport, Faculty of Physical Education, Kazimierz Wielki University, 85-091 Bydgoszcz, Poland

Dr. Jędrzej Antosiewicz

Department of Bioenergetics and Physiology of Exercise, Medical University of Gdansk, 80-210 Gdansk, Poland

Deadline for manuscript submissions

closed (30 April 2023)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/102665

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, CAPLus / 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).