

Special Issue

Environmental Medicine and Human Diseases: Molecular Insight

Message from the Guest Editor

Human health can be influenced by physical, chemical, biological, and radiological contaminants in our air, water, and diet. Direct and indirect exposures to environmental toxicants possess a greater risk for onset and progression of leading diseases, such as cardiovascular disease, chronic obstructive pulmonary disease, asthma, diabetes, obesity, and cancer. Environmental medicine is a multidisciplinary field that aims to identify human diseases associated with environmental exposure and determine underlying mechanisms of adverse health outcomes. It is essential to consider fundamental cellular and molecular processes that drive the initiation and progression of diseases, some of which may include regulation of gene expression, DNA replication and repair, epigenetic modifications, and cellular homeostasis. This Special Issue will focus on research that further enhances our understanding of environmental exposures and human disease. It aims to encompass a diversity of fields, such as molecular and cellular biology, medicine, toxicology, and environmental science.

Guest Editor

Dr. Hong Sun

Department of Environmental Medicine, New York University School of Medicine, 341 East 25 Street, New York, NY 10010, USA

Deadline for manuscript submissions

closed (31 January 2023)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/102085

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).