



Environmental Exposures and Human Diseases—Molecular Insights

Guest Editors:

Dr. Maaïke van Gerwen

Department of Otolaryngology-
Head and Neck Surgery, Icahn
School of Medicine at Mount
Sinai, New York, NY 10029, USA

Dr. Angela M. Leung

Division of Endocrinology,
Diabetes, and Metabolism,
Department of Medicine, Los
Angeles, CA 90095, USA

Dr. Luoping Zhang

Division of Environmental Health
Sciences, School of Public
Health, University of California,
Berkeley, CA 94720, USA

Deadline for manuscript
submissions:

15 July 2024

Message from the Guest Editors

It is well established that environmental exposure plays an important role in the development of diseases, including cancer. Humans are exposed daily to physical, chemical, biological, and radiological factors in the environment, including air, water, and soil, as well as in their diets and a variety of consumer products. The impact of exposure to these factors, individually or in combination, on human health requires further investigation. Furthermore, the impact of environmental exposure during vulnerable periods, including birth, childhood, adolescence, and pregnancy, is still poorly understood. Combining conventional with novel tools will accelerate advances in the field of environmental medicine, thus leading to new strategies to prevent, diagnose, and treat a variety of diseases.

This Special Issue will provide molecular/cellular insights into the impact of environmental exposure on human diseases. The objective is to present a collection of papers representing the latest advances in the field of environmental medicine. We therefore invite researchers to submit original papers or review articles that focus on the molecular/cellular study of this important topic.





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](#), [CAPUS / SciFinder](#), and [other databases](#).

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

Contact Us

Biomedicines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](#)