



## Pathogenesis, Prophylaxis and Treatment of Infectious Diseases

Guest Editors:

**Dr. Loredana Manolescu**

Faculty of Midwifery and Nursing,  
"Carol Davila" University of  
Medicine and Pharmacy, Eroii  
Sanitari Boulevard, no. 8, Sector  
5, 050474 Bucharest, Romania

**Dr. Anca Botezatu**

Molecular Virology Department,  
Stefan S. Nicolau Institute of  
Virology, Bucharest, Romania

Deadline for manuscript  
submissions:

**closed (31 July 2024)**

### Message from the Guest Editors

Dear Colleagues,

"Pathogenesis, Prophylaxis, Treatment of Infectious Diseases" is a Special Issue that aims to draw the attention of the medical community toward infectious diseases. Global efforts have focused on prevention, and in some cases with success: on the 29th of March 2023, the World Health Organization announced that a total of 42 countries or territories had reached the malaria-free milestone. Yet, there is still much to be done regarding cholera epidemics, monkeypox outbreaks, tuberculosis prevalence, the emergence of the new multidrug-resistant fungus *Candida auris* and many more. We aim to attract as much new information as possible about infectious disease agents and their pathogenesis and treatment, and prevention and prophylaxis are highly required.

In this Special Issue, we welcome original articles and reviews providing new research data on infectious diseases, irrespective of the etiology, whether that be bacterial, viral, parasitic or mycotic, and on novel biomarkers, early diagnosis, pathology, molecular mechanisms, new therapies and prophylactic means.





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 and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

## Contact Us

*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomedicines](http://mdpi.com/journal/biomedicines)  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)  
[X@Biomed\\_MDPI](#)