

Special Issue

State-of-the-Art Cell Biology and Pathology in Poland

Message from the Guest Editors

This Special Issue will provide a comprehensive overview on the state of the art of cell biology and pathology in Poland. We are inviting you to submit manuscripts that will consolidate our understanding in these areas. Full research articles and in-depth reviews will be considered. Topics of interest include, but are not limited to, the following research areas:

- Artificial intelligence and machine learning;
- Cancer biology and pathology stem cells;
- CAR-T cell research;
- Cell physiology: cell growth, metabolism, protein synthesis, division, movement of proteins, active/passive transport, intra- and extracellular signaling, adhesion, DNA repair, etc.;
- Cell signaling;
- Cell techniques: cell and tissue culture, isolation, and fractionation of cells, immunocytochemistry (ICC), in situ hybridization (ISH), transfection, and optogenetics;
- Computational biology and pathology;
- Digital pathology;
- Immune microenvironment and immunotherapy;
- OMICS: transcriptomics, genomics, proteomics, metabolomics, glycomics, lipidomics, interactomics, fluxomics, and biomics;
- Predictive and prognostic biomarkers;
- Stem cell biology.

Guest Editors

Dr. Bartłomiej Tomasik

Department of Oncology and Radiotherapy, Faculty of Medicine,
Medical University of Gdańsk, Gdańsk, Poland

Dr. Marcin Braun

Department of Pathology, Chair of Oncology, Medical University of
Łódź, Łódź, Poland

Deadline for manuscript submissions

closed (30 September 2023)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/115786

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).