

Special Issue

Modern Approaches to Breast Cancer Biology and Therapy

Message from the Guest Editors

A significant component of this Special Issue will be dedicated to hormonal therapy and its alternatives, including aromatase inhibitors, SERMs, SERDs, and novel modulators of estrogen receptors, as well as studies on overcoming endocrine resistance and understanding hormone-dependent treatment responses. We also invite research on electric pulse-based interventions, particularly electroporation and electrochemotherapy (ECT), highlighting novel pulse protocols, combinations with chemotherapy and immunotherapy, and mechanisms influencing treatment sensitivity. Topics may extend to experimental therapies, including nanotechnology-based approaches, gene and cell therapies, and interdisciplinary care models that enhance patient quality of life. By combining classical and emerging perspectives, this Special Issue aims to provide a comprehensive platform for discussing innovative, personalized approaches to breast cancer treatment.

Guest Editors

Dr. Zofia Łapińska

Department of Molecular and Cellular Biology, Wrocław Medical University, Borowska 211A, 50-556 Wrocław, Poland

Dr. Anna Szewczyk

Department of Molecular and Cellular Biology, Wrocław Medical University, Borowska 211A, 50-556 Wrocław, Poland

Deadline for manuscript submissions

31 July 2026



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8
Indexed in PubMed



mdpi.com/si/264910

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 4.5
CiteScore 7.8
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 - Q2 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).