

Special Issue

Molecular Biology and Therapy of Breast Cancer

Message from the Guest Editor

Despite significant progress in the diagnosis and therapy of breast cancer, this disease continues to be the leading cause of cancer-related death in women. Breast cancer is complex and heterogeneous, and there persists a clear need for better understanding this heterogeneity to support the development of predictive biomarkers and novel targeted therapies. In the current age of multiomic approaches, we can now analyze the mutational landscape, transcriptional profile, interplay of cancer cells with their stroma, and special metabolic needs of individual tumors in greater detail. For this Special Issue, we invite manuscripts dealing with all modern aspects of the molecular biology of breast cancer, especially concerning novel molecular pathways involved in carcinogenesis, progression, and therapy resistance. We also welcome contributions on regulatory networks involving non-coding RNAs and cell communication in the tumor microenvironment, as well as models for prediction of therapy success.

Guest Editor

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Deadline for manuscript submissions

31 July 2026



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/245265

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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