

Special Issue

Molecular Mechanism and Therapeutic Opportunities of Breast Cancer

Message from the Guest Editor

Breast cancer is one of the most frequent cancers worldwide and is characterized by multifactorial etiology and genetic heterogeneity. Molecular mechanisms involved in its pathogenesis include imbalances in cell signaling, metabolism, and stress responses, as well as gene dysfunction. Recent studies have identified new target molecules such as hormone receptors, human epidermal growth factor receptors, and molecular pathways related to cancer cell survival and metastasis. As part of the Special Issue, papers could be published that focus on topics such as novel molecular mechanisms involved in the development and progression of breast cancer, targeted therapies, molecular biomarkers, use of genomic analysis for personalized therapy and treatment decisions, immunotherapy, and mechanisms of resistance development, as well as issues related to drug resistance and relapse, and innovative methods for the diagnosis and monitoring of breast cancer.

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 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).