

Special Issue

Breast Cancer: From Molecular and Cellular Mechanisms to Novel Therapeutic Approaches

Message from the Guest Editors

The focus of this Special Issue is original articles and thought-provoking reviews and commentaries that investigate or address important questions relevant to breast cancer development, metastasis, treatment, and therapy resistance. This Special Issue will cover topics that are related to the molecular and cellular basis of breast cancer development, progression and metastasis, as well as preclinical and clinical studies with a biological basis. Topics pertinent to breast cancer biology may include breast cancer models, genomics, tumor heterogeneity, tumor microenvironment and interactions, disease markers and therapeutic targets, drug response and resistance mechanisms, metabolism, cancer stem cells, plasticity, circulating tumor cells, cell signaling, and DNA damage response mechanisms. Additionally, translational, preclinical and clinical studies focused on novel therapies, diagnosis, risk stratification, and management of breast cancer with a biological basis are of particular interest. We look forward to your contributions to this Special Issue.

Guest Editors

Prof. Malathy Shekhar

Department of Oncology, Wayne State University School of Medicine, Detroit, MI, USA

Prof. Michael S. Simon

Department of Oncology, Barbara Ann Karmanos Cancer Institute at Wayne State University School of Medicine, Detroit, MI, USA

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

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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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

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JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).