

Special Issue

Cell and Molecular Perspectives in Breast Cancer

Message from the Guest Editor

In this Special Issue, we propose an approach centered around elucidating the mechanisms that underly tumorigenesis, anticancer drug resistance, and metastasis across diverse subtypes of breast cancer. This section encompasses analyses of protein interactions, genetic alterations, microenvironmental impacts, reactive oxygen species, and inflammatory processes. Breast cancer, arising from a collection of environmental and genetic perturbations, underscores the need for a comprehensive understanding of these intricate pathways in order to inform the development of novel therapeutics and robust biomarkers. Of particular interest is the phenomenon wherein breast cancer recurrence manifests as a more aggressive phenotype, characterized by diminished prognosis and heightened metastatic propensity. Our intent is to delve deeper into this aspect, employing both medical and fundamental scientific perspectives, with the objective of identifying strategies to ameliorate the burden of disease recurrence while enhancing women's quality of life. This Special Issue is open to original research articles, short communications, and reviews.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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