

Special Issue

Breast Cancer: From Pathophysiology to Novel Therapeutic Approaches

Message from the Guest Editor

Breast cancer remains the most frequent cancer in women and has different patterns of disease progression and response to treatments. The wide variation in patient prognosis and outcomes is due to the high heterogeneity of this disease. Current studies are focusing on the identification of novel biomarkers and the elucidation of the altered molecular mechanisms underlying the behavior of different subtypes of breast cancer. The results of these investigations are allowing for the development of novel targeted therapies that, either alone or in combination with conventional radio- and chemotherapy, could be promising management strategies for more effective and personalized therapies.

This Special Issue “Breast Cancer: From Pathophysiology to Novel Therapeutic Approaches” of the International Journal of Molecular Sciences aims at providing an updated overview of pre-clinical and clinical knowledge on the pathophysiology and molecular profiling of breast cancer as well as on the development of innovative targeted therapeutic approaches while taking into account promises and pitfalls.

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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