

Special Issue

Novel Insights on the Molecular Bases of Hormone-Responsive Breast Cancer Biology

Message from the Guest Editor

Breast cancer (BC) is one of the most frequent neoplasia in women and presents multiple patterns of disease progression and response to therapies, mainly relying on the expression of hormone receptors. Approximately 70% of breast tumors express estrogen receptor α (ER α), most showing hormone dependence and responding to adjuvant endocrine therapies. Although ER blockade is effective in the majority of cases, intrinsic or de novo resistance to endocrine therapy of receptor-positive tumors is a key problem in clinical management of BC patients. This Special Issue “Novel Insights on the Molecular Bases of Hormone-Responsive Breast Cancer Biology” of the *International Journal of Molecular Sciences* aims to provide an updated overview of basic and translational research focusing on hormone-responsive and/or endocrine-therapy resistant breast cancer at the molecular level. In vitro, in vivo, and ex vivo experimental models, multi-omics, and genome-wide approaches are welcome. The formats for submissions include original research articles, brief 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.

Editor-in-Chief

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