

Special Issue

Molecular Genetics of Breast Cancer—Recent Progress

Message from the Guest Editor

Each year, about 30% of all newly diagnosed cancers in women are breast cancers. Breast cancer is likely to be caused by the concurrent effects of different risk factors, including genetic risk factors. On the other hand, this disease could be characterized as an evolutionary process driven by the accumulation of somatic mutations and clonal selection. Therefore, the genetic profiling of breast cancer is essential to improve our understanding of the molecular etiology of this disease. In this field, next-generation sequencing (NGS) technology allowed for not only the identification and validation of novel susceptibility genes, but also the identification of molecular biomarkers and therapeutic targets. This Special Issue will focus on the molecular genetics of breast cancer for improved risk assessment and personalized therapy. We invite researchers to submit original research articles describing novel data, methods, collaborative initiatives and reviews related to these topics.

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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