

## Special Issue

# Advances in the Molecular Biology and Pathology of Breast Cancer

### Message from the Guest Editor

Breast cancer is one of the most prevalent malignancies worldwide. Comprehensive and multi-layered analysis has revealed the molecular and biologic heterogeneity of breast cancer with the recognition of distinct subtypes linked to different aetiological pathways.

These efforts have affirmed hormone receptor and HER2 signalling pathways as major biological drivers of breast cancer. Classification systems are evolving that integrate molecular and morphologic information, and complex genomic assays now form part of the diagnostic armamentarium that informs management decisions. More recently, molecular targets have emerged as promising therapeutic options, particularly in the advanced setting. Notwithstanding the tremendous advances made, treatment options remain limited for some subtypes of breast cancer for which the prognosis remains poor. This Special Issue will cover recent advances in the molecular biology and pathology of breast cancer that work towards improving the diagnosis, management and outcomes for patients with the disease.

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### Guest Editor

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### Deadline for manuscript submissions

closed (23 August 2024)



## Cancers

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## About the Journal

### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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### Editor-in-Chief

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