

Special Issue

Genomics of Breast Cancer

Message from the Guest Editor

Breast cancer is a heterogeneous disease with several clinical and genomic subtypes, making it an exemplary candidate for precision medicine. Advances in next-generation sequencing have shed light on the key mutations associated with breast cancer development and can highlight new therapeutic targets, such as ADP-ribose polymerase (PARP) inhibition in patients with mutations in *BRCA1/2* DNA repair genes. This Special Issue 'Genomics of Breast Cancer' aims to present genomic and clinical aspects of breast cancers that broaden our understanding of the disease and we welcome contributions that include, but are not limited to, the topics of genomics, transcriptomics, sequencing, molecular biology, tumour heterogeneity, patient samples or animal models and that advance our understanding of breast cancers or could highlight novel diagnostic and treatment strategies for this disease.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2025)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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