

Special Issue

Epigenetic Mechanisms of Breast Cancer Invasiveness

Message from the Guest Editor

Variations in the status of promoter methylation and histone modifications are important hallmarks of initiation, growth, and metastasis of human cancers. The altered landscape of DNA methylation and histone modifications either directly or indirectly correlates with breast cancer invasiveness. The aim of this Special Issue is to focus on aberrations of epigenetic control mechanisms that are either causative or involved in promoting breast cancer invasiveness. We invite review as well as research articles related to hypo- or hypermethylation of tumor-initiating, tumor-suppressing, and tumor-maintaining genes. Similar articles on the histone modification status of invasive cells will also be considered. Submissions of review and research articles on epigenetically controlled processes such as gene regulation, chromosomal rearrangement, and chromosomal stability in cell lines, stem cells, tumor specimens, and/or orthotopic models that relate to breast cancer invasiveness are encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (5 November 2022)

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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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