

Special Issue

Genetics and Genomics of Human Breast Cancer

Message from the Guest Editor

The genetics and genomics of breast cancer cover a field of research that includes inherited predisposition to breast cancer as well as somatic genetic changes that determine the course of disease and response to therapies. Both fields have seen tremendous progress in the past two decades as a result of technological developments in microarray and nucleotide sequencing technologies, which have opened avenues towards personalised prevention and treatment strategies. This Special Issue invites papers that present original work in both areas, for example, describing new factors associated with breast cancer predisposition, or with therapeutic response, or new insights in the functional impact of genetic or genomic variation with respect to breast cancer development. Work describing statistical or bioinformatic analyses of complex genetic models or interactions, and their impact on risk assessment and disease management, is also welcome.

Guest Editor

Prof. Dr. Peter Devilee

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Deadline for manuscript submissions

closed (20 March 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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