

## Special Issue

# Genetics and Epigenetics in Susceptibility to Multifactorial Diseases

### Message from the Guest Editors

The convergence of genomics and epigenomics, facilitated by advancements in high-throughput sequencing and computational biology, offers unprecedented insights into the intricate architecture of multifactorial diseases. This Special Issue aims to offer a platform for original research and comprehensive reviews that deepen our knowledge of the multifaceted roles of genetics and epigenetics in multifactorial diseases. We particularly welcome contributions that focus on the following:

Exploring the relationship between genetic variations and epigenetic modifications in disease susceptibility and progression;

Investigating the functional significance of specific epigenetic alterations in modulating disease phenotypes and treatment responses;

Utilizing multi-omics approaches to elucidate the complex molecular pathways underlying multifactorial disorders;

Applying systems biology and computational modeling to predict disease risk and identify potential therapeutic targets;

Addressing the translational potential of genetic and epigenetic findings for personalized medicine.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 October 2025)

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## Genes

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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?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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