



Genetics and Genomics of Leukaemia

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a comprehensive platform on the latest advancements in and insights into the genetic and genomic bases of leukaemia.

This Special Issue invites original research articles, reviews, and communications encompassing a wide range of topics, including, but not limited to, the following:

- Molecular profiling of leukaemia subtypes and their genetic drivers.
- Identification and characterization of genetic mutations, chromosomal rearrangements, and copy number variations associated with different leukaemia types.
- Functional genomics and pathway analyses to elucidate the molecular mechanisms underlying leukaemia development and progression.
- Genomic instability and its impact on leukaemia evolution and treatment resistance.
- Role of epigenetic modifications in leukaemogenesis and their potential as therapeutic targets.
- Applications of next-generation sequencing, single-cell genomics, and other cutting-edge technologies in leukaemia research.
- Genomic biomarkers for the risk stratification, treatment selection, and monitoring of leukaemia patients.





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Message from the Editorial Board

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