

Special Issue

Genetics and Genomics of Leukaemia

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (23 July 2024)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/179196

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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