

## 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

Dr. Sabrina Tosi

Leukaemia and Chromosome Research Laboratory, Department of Life Sciences, Brunel University London, Kingston Ln, Uxbridge, London UB8 3PH, UK

Dr. Denise Ragusa

Department of Life Sciences, Brunel University London, Kingston Ln, Uxbridge, London UB8 3PH, UK

### Deadline for manuscript submissions

closed (23 July 2024)



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*Biomolecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biomolecules@mdpi.com](mailto:biomolecules@mdpi.com)

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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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### Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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