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Genetics and Epigenetics of Pediatric Leukemia

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submissions:

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Message from the Guest Editors

The technological innovations over the last decade have substantially increased the utility of genomic analyses in clinical cohorts by enabling comprehensive identification of most forms of genetic variations, transcriptome profiling, and analysis of epigenomes. Such approaches have stimulated systematic studies of the genetic and epigenetic changes occurring in leukemic cells and have aided in improving diagnosis and risk classification. We are now seeing a paradigm shift where high-throughput technologies are being implemented in clinics for personalized genomic medicine in the field of pediatric leukemia.

This Special Issue welcomes submissions related to genetic, transcriptomic, epigenetic, or multi-omic aspects of leukemia biology. Preference will be given to papers that aim to build on our molecular understanding of pediatric leukemias for the purpose of developing preventive, diagnostic, or therapeutic approaches, including personalized medicine.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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