



Molecular Research on Acute Lymphoblastic Leukemia

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Message from the Guest Editors

ALL is a heterogeneous group of hematologic malignancies characterized by the impaired differentiation and proliferation of immature lymphoid progenitors in bone marrow, peripheral blood, and extramedullary sites. Treatment of ALL is evolving very rapidly, due to increased understanding of the genetic heterogeneity and complexity of ALL, which has contributed to the development of novel immunotherapies and targeted therapy strategies.

This Special Issue of the *International Journal of Molecular Sciences* will focus on "Molecular Research on Acute Lymphoblastic Leukemia", providing an overview of the new targeted therapeutic approaches in ALL and will also discuss how new technologies, such as next-generation sequencing, proteomics, metabolomics, and computational analysis should provide a deeper insight into active signaling networks to identify critical signaling hubs, novel potential druggable targets and new clinical care strategies, taking into account individual variability in the environment, genetics, and molecular phenotype.





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Message from the Editor-in-Chief

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