



Acute Myeloid Leukemia in Adults

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Message from the Guest Editor

Acute myeloid leukemia is the most common type of leukemia in adults and is caused by the acquisition of somatic mutations in hematopoietic stem and progenitor cells mediating their transformation to malignant cells that dominate the bone marrow. Despite the extensive investigation of the molecular biology of AML and the introduction of numerous novel agents and combinational approaches for the treatment of this disease, the outcomes of AML patients and particularly older individuals and those with antecedent myeloid neoplasms remain poor overall. A deeper and better understanding of the molecular pathways mediating the growth and resistance of AML blasts is required to introduce new therapies especially for resistant and relapsed forms of AML. This can be achieved by collaborative approaches in AML research and better comprehension of the resistant patterns to the current therapeutic approaches.

This Special Issue discusses the recent discoveries related to the biology of AML, the current therapeutic landscape and possible mechanisms of resistance to the current treatments.





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Message from the Editor-in-Chief

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