

Special Issue

Mechanisms of Genetics in Acute Myeloid Leukemia and Their Influence of Metabolism

Message from the Guest Editor

Acute myeloid leukemia (AML) is a group of hematological malignancies characterized by genetic, epigenetic and metabolic heterogeneity. Despite a high complete remission rate in AML patients, the five-year overall survival is still poor, especially in patients over 60 years of age. Accumulating data have highlighted the significance of metabolism reprogramming in the initiation, development, and drug resistance of leukemic cells. The deregulation of cellular metabolism induced by transcription factors such as MYC, GFI1, RUXN1, and ASXL1 supports the development of leukemia. This Special Issue will highlight the relationship between genetic mutations and metabolic phenotypes, as well as potential treatments for metabolic pathway dependence.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2023)



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



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Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its open access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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