

Special Issue

Translational Research on Leukemia

Message from the Guest Editor

In recent decades, considerable progress has been made in the understanding of the pathogenesis of AML. Several oncogenic mutations have been identified, such as IDH1/2, or in the FLT3 receptor, which have resulted in the approval of clinically relevant drugs. The same is true for the Bcl2-dependent apoptotic or the hedgehog pathway. Despite these advances, however, further understanding of the molecular and cellular basis of AML is a prerequisite for the introduction of new therapies into the clinic. This research may include investigations of cytokine pathways, signal transduction and apoptosis, as well as interactions of AML cells with the microenvironment. Clinically relevant observations such as studies on minimal residual disease or observations of therapies targeting the immune system may be reported. This Special Issue, "Translational Research on Leukemia", will cover a selection of recent research topics and current review articles in the field of leukemia.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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