Special Issue

Advances in Therapy of Acute Myeloid Leukemia

Message from the Guest Editor

In recent years, new targeted therapies have developed in AML. These agents target various cellular processes: signaling pathways, DNA methylation, or chromatin remodeling. The new therapies include FLT3 inhibitors, IDH inhibitors, and Bcl-2 inhibitors. Each of these new therapies has different pharmacological profiles, adverse effects, and levels of effectiveness. A solid knowledge of the molecular basis of AML allows for the conscious application of new therapies. However, there is a large group of AML patients for whom molecular and genetic factors are unknown. Relapsed patients are particularly classified as being at significant risk. It is thus necessary to search for new molecular, genetic, and immunological factors that can play a prognostic role and become the target of new AML therapies in the future.

This Special Issue will be dedicated to new prognostic factors, and new therapies used in AML. Suitable topics include, but are not limited to: acute myeloid leukemia; new prognostic factors in acute myeloid leukemia; potential targeted therapies; pathogenesis of acute myeloid leukemia.

Guest Editor

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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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