

Special Issue

Cellular Mechanisms and Targeted Therapy of Acute Myeloid Leukemia

Message from the Guest Editor

Acute Myeloid Leukemia (AML) is a heterogeneous hematologic malignancy characterized by the uncontrolled proliferation of myeloid progenitor cells. This Special Issue, 'Cellular Mechanisms and Targeted Therapy of Acute Myeloid Leukemia', aims to provide an in-depth exploration of the cellular underpinnings of AML and advancements in targeted therapies. The collection will delve into the intricate molecular pathways driving AML, including dysregulated signaling networks, epigenetic modifications, and metabolic reprogramming. We hope to explore the molecular and cellular basis of AML, providing insights into the complex interactions between leukemic cells and their microenvironment. Moreover, this Special Issue will delve into the development and clinical application of targeted therapies, including small molecule inhibitors, monoclonal antibodies, and immunotherapies. We wish to focus on how these therapies can be tailored to target specific cellular vulnerabilities in AML, thereby enhancing efficacy and reducing toxicity. Both original research papers and comprehensive review papers are welcome.

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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