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Leukemia: Cellular Mechanism and Therapeutic Potential

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Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editor

Leukemia is a term for cancers of the blood cells, usually beginning in the bone marrow and resulting in great numbers of abnormal blood cells. There are four main types of leukemia, including acute lymphoblastic leukemia (ALL), acute myeloid leukemia (AML), chronic lymphocytic leukemia (CLL), and chronic myeloid leukemia (CML). Leukemia happens when there are changes in the genetic material (DNA) in bone marrow cells. The cause of these genetic changes is unknown.

Currently, common leukemia treatment methods include chemotherapy, radiation therapy, stem cell transplantation, CAR T-cell therapy, targeted therapy, etc. Although we have made progress in understanding the biology and therapy of leukemia, the outcomes remain unsatisfactory.

The purpose of this Special Issue is to highlight recent findings regarding mechanisms, diagnostics, and therapies for leukemia. We are pleased to invite you to contribute original articles, reviews, communications, etc. We are looking forward to your contributions to this Special Issue.



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Special Issue



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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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