

Special Issue

Current Advances in Hematologic Malignancies

Message from the Guest Editors

Hematologic malignancies are cancers that begin in blood-forming tissue, such as the bone marrow, or in the cells of the immune system, which affect the blood, bone marrow, and lymph nodes. This classification includes various types of leukemia, myeloma, and lymphoma. Acute myeloid leukemia (AML) is a rare but catastrophic disease with a high mortality rate, predominantly occurring in the elderly.

The development of new targeted therapies, including small molecule inhibitors, monoclonal antibodies, bispecific T cell engagers, antibody–drug conjugates, recombinant immunotoxins, and Chimeric Antigen Receptor T (CAR-T) cells, has improved the clinical outcomes for blood cancers.

In this Special Issue, we will highlight the recent advances in understanding of the molecular and cellular biology and pathophysiology of hematologic malignancies, and how these developments drive us towards a new therapeutic landscape in the near future.

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Deadline for manuscript submissions

closed (29 March 2024)



Life

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Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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