

Special Issue

Pathophysiology and Advanced Treatment of Hematological Malignancy

Message from the Guest Editor

Hematological malignancies represent an intricate addition to the oncological landscape, especially in light of the new classifications that have been characterized in recent years. Nowadays, it is important to fully dive into the mechanisms driving hematological malignancies, such as genetic mutations and the subsequent dysregulation of various signal pathways, providing a feasible means of gaining insight into the risks of disease progression. The role of the latest diagnostic tools and techniques is essential to improve the detection and classification of hematological malignancies, offering hope for early intervention and personalized treatment strategies. Additionally, it is crucial to explore the landscape of novel therapeutic approaches, including targeted therapies (such as tyrosine-kinase inhibitors), immunotherapies, and gene editing techniques, highlighting promising perspectives for patient outcomes.

This Special Issue aims to uncover the emerging trends and reviews shaping the future of hematological malignancy treatment, from precision medicine to innovative combination therapies.

Guest Editor

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