

Special Issue

Hematologic Malignancies: From Molecular Pathology to Novel Therapeutics

Message from the Guest Editor

Hematological malignancies comprise a heterogeneous group of diseases, in whom the knowledge of implicated pathways in pathogenesis has allowed advances in classification and targeted therapy. In recent years, numerous genomic sequencing studies have primarily targeted recurrent mutations in individual genes, elucidating underlying oncogenic mechanisms. Moreover, molecular classifications have deepened our understanding of hematological diseases. Therefore, deeper and more detailed analyses using genomic, transcriptome, and epigenetic data have been performed by different research groups in order to refine the disease classification into clusters related to the disease impact and clinical outcomes. This Special Issue will include reviews and research studies regarding the role of genomes, epigenetic regulation, genes implicated in cell cycle control, proliferation, apoptosis, biological processes participating in the pathogenesis, and the impact on treatment of patients.

I look forward to your submissions.

Guest Editor

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Message from the Editor-in-Chief

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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