Special Issue

Pathogenesis and Novel Therapies of Acute Leukemias

Message from the Guest Editors

Prevention and early detection have greatly reduced age-adjusted death rates in many types of cancer. Much of the progress in acute leukemia has come from improvements in classification, monitoring and modified treatment regimens.

How can we leverage recent discoveries that have identified mutations in genes that can lead to leukemia well before leukemia occurs, or genes that are major drivers of leukemia when it occurs? Can this knowledge be used to identify individuals at risk of developing leukemia, enabling us to create diagnostic and therapeutic strategies that will prevent leukemia? Will improved subclassification of leukemia at the molecular level help novel, more targeted therapies for these diseases be successful?

This Special Issue will explore what we are learning about leukemia pathogenesis, and present progress towards new treatments that can replace "one size fits all" therapy for acute leukemia.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

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