

Special Issue

Molecular Pathogenesis of B-cell Malignancies

Message from the Guest Editor

B-cell malignancies are one of the most common types of cancer in adults. Use of genetic analyses have improved diagnosis, classification, prognosis and therapeutic decision-making. Over the past decade, advances in the “omics” approaches have provided important insights into metabolic reprogramming during disease progression of B-cell malignancies and upon development of drug resistance. Importantly, identification of metabolic checkpoints has guided design of new therapeutic strategies. This Special Issue of *Biomedicines* will focus on “Molecular Pathogenesis of B-cell Malignancies”, with the aim to provide an overview of the current understanding of how metabolic activity evolves during disease progression of B-cell leukemia and lymphomas, how genetic alterations and dysregulated signaling pathways regulate metabolic reprogramming and mitochondrial remodeling in these diseases, and how metabolic adaptations can mediate drug resistance.

Guest Editor

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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.

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