

Special Issue

Molecular Biology and New Therapeutic Approaches to Cancer

Message from the Guest Editors

Cancer continues to pose a growing global health problem and is the second leading cause of death worldwide. Cancer is a heterogeneous group of malignancies with different prognosis and treatment considerations. This Special Issue aims to compile the latest advances in our understanding of cancer at the molecular level and to explore novel therapeutic strategies aimed at improving patient outcomes. We encourage the submission of both review articles and original research papers (basic research and translational research) that highlight new therapeutic modalities, new drug leads and novel compounds, including targeted therapies, immunotherapies, and precision medicine approaches tailored to individual patients based on their molecular profiles. We also welcome contributions that shed light on the intricate molecular pathways underlying cancer initiation, progression and metastasis, including current therapeutic challenges such as cancer cell drug resistance. This Special Issue also aims to address the dynamic interplay between components of the tumor microenvironment and cancer cell behavior at the molecular level to identify novel biomarkers and therapeutic targets.

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.

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