

Special Issue

Advancements in Synthetic Small Molecules as Anti-cancer Therapeutics

Message from the Guest Editors

Cancer is the uncontrolled, rapid, and pathological proliferation of abnormal cells, which is a tremendous problem worldwide today. According to the World Health Organization (WHO), cancer is the second leading cause of death globally. Its treatment remains challenging for the scientific community. One major problem with its treatment is that most of the currently available drugs are unable to differentiate between normal and abnormal cells, which is the reason behind their side effects such as thrombocytopenia, anemia, delirium, edema, etc. Anticancer small molecules, also known as small molecule inhibitors, are a type of therapeutic agent used in cancer treatment. These molecules are small organic compounds that can penetrate cells and interact with specific targets involved in cancer cell growth and survival. They work by inhibiting or interfering with the activity of proteins or pathways that are essential for cancer cell proliferation. This Special Issue welcomes research and up-to-date review articles addressing current research on anticancer therapeutics, with a particular focus on discovering novel anti-cancer small molecules.

Guest Editors

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Deadline for manuscript submissions

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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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