

Special Issue

Medicinal Mechanisms of Biologically Active Compounds in Cancer

Message from the Guest Editor

The Special Issue “Medicinal Mechanisms of Biologically Active Compounds in Cancer” delves into the significant role of natural compounds in cancer therapy. It emphasizes the mechanisms through which these biologically active substances, sourced from plants, fungi, and marine life, exert their anti-cancer effects. The Issue highlights their ability to induce apoptosis, inhibit tumor growth, and enhance the efficacy of conventional treatments. Key pathways involved in modulating cell proliferation and improving therapeutic outcomes are discussed in detail. Additionally, the antioxidant properties of these compounds are crucial in alleviating the oxidative stress associated with cancer progression. This collection of research aims to provide valuable insights for scientists looking to incorporate natural compounds into cancer treatment strategies, ultimately enhancing patient care and outcomes.

Guest Editor

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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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