

Special Issue

Recent Advances in Antitumor Agents from Natural Source

Message from the Guest Editor

Dear colleagues, This Special Edition explores recent discoveries of anticancer agents originating from diverse biological realms, including terrestrial flora, microbial communities, and marine ecosystems. We invite you to explore the multifaceted mechanisms through which these natural compounds exert their effects. These mechanisms range from the direct induction of programmed cell death and the disruption of tumor blood vessel formation to the critical modulation of the complex tumor microenvironment and the circumvention of drug resistance. This Special Issue will determine the promise of these substantial natural leads and significant hurdles that continue to prevent their clinical application. These challenges encompass the intricacies of compound isolation, purification, structural elucidation, and the optimization of pharmacokinetic and pharmacodynamic properties. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: medicinal plants extracts, isolated compounds, natural molecules obtained from synthesis, and pharmacological and toxicological assays for cancer.

Guest Editor

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Message from the Editor-in-Chief

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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