

Special Issue

Natural Compounds: Impact on Health and Diseases

Message from the Guest Editor

The use of natural products serves as a principal therapeutic approach for a substantial proportion of the global population. Bioactive compounds derived from these sources fulfil a dual role: modulating physiological processes to produce therapeutic or toxic effects and providing a foundational scaffold for the development of novel pharmacological agents. Recent advancements have significantly enhanced our ability to identify, characterize, and mechanistically understand the active constituents within natural products. These innovations have also facilitated the exploration of novel chemical pharmacophores with potential therapeutic applications. This Special Issue aims to showcase recent research and methodological innovations that highlight the role of naturally derived compounds in both pathological and physiological contexts. We welcome original research articles and reviews that examine the therapeutic efficacy, safety profiles, and mechanistic pathways of natural products in the management of specific health conditions. Submissions addressing efficacy, toxicity, and their underlying mechanisms are especially encouraged.

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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