

Special Issue

Identification, Isolation, and Analysis of Phytochemicals from Plant-Derived Products

Message from the Guest Editors

In addition to the six major nutrients, plants also contain various biologically active compounds known as phytochemicals, which are secondary metabolites produced by plants. These compounds, including flavonoids, phenols, triterpenoids, alkaloids, and others, give plants their color and fragrance, protect them from diseases, and contribute to human health. Research has shown that these compounds have potential in preventing and treating chronic diseases such as cancer, diabetes, obesity, and cardiovascular diseases. This Special Issue on "Identification, Isolation, and Analysis of Phytochemicals from Plant Products" invites original research articles and comprehensive reviews. Topics of interest include the isolation of novel molecules, elucidation of biological activity mechanisms, structural identification of monomer compounds, and chemical composition analysis of plant extracts. We welcome studies focusing on both fundamental research and practical applications.

Guest Editors

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Deadline for manuscript submissions

31 July 2026



Molecules

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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/245230

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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