

Special Issue

Medicinal Value of Natural Bioactive Compounds and Plant Extracts, 3rd Edition

Message from the Guest Editors

The importance of plants and plant-derived compounds continues to increase due to their broad range of activity, including anti-inflammatory, antioxidant, immunostimulating, protective, antimicrobial, and antifungal properties, alongside health-promoting effects and protection against the development of cardiovascular and neurodegenerative disorders.

However, their potential for pharmaceutical, medicinal, and cosmetological applications is still unexplored. As such, this Special Issue aims to present new achievement in these fields. Studies on the isolation, structural elucidation, and biological activity of natural constituents from plants, fungi, and algae, as well as on the activity and utility of well-characterized plant extracts, are appreciated.

Guest Editors

Prof. Dr. Magdalena Wójciak

Dr. Marcin Feldo

Prof. Dr. Ireneusz Sowa

Deadline for manuscript submissions

closed (31 March 2026)



Molecules

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CiteScore 8.6
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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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