

Special Issue

Plant-Derived Compounds: Biological Functions and Therapeutic Potential

Message from the Guest Editor

This Special Issue will explore the biological functions and therapeutic potential of compounds derived from plants. We'll focus on how these compounds contribute to disease prevention, treatment, and overall health promotion. We're looking for original research and review articles covering the extraction, isolation, structural elucidation, and bioactivity assessment of phytochemicals. We especially encourage studies that highlight their molecular mechanisms of action, pharmacological properties, and applications in nutraceuticals, pharmaceuticals, and functional foods. This issue aims to be a platform for advancing our understanding of natural bioactive compounds and their importance in modern biomedical and pharmaceutical sciences.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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