

Special Issue

Chemical Constituents and Biological Activities of Natural Sources

Message from the Guest Editors

This Special Issue seeks to enhance our understanding of the chemical diversity and therapeutic potential of medicinal plants and other natural sources, including marine organisms and microorganisms, providing a platform for researchers to share their latest findings, methodologies, and insights into the bioactive compounds derived from natural sources. The scope of this Special Issue includes the following topics:

- Isolation, identification, and structural elucidation of novel natural compounds.
- Bioactivity-based molecular networking for the discovery of natural drugs leads.
- Biological activity screening and mechanism-of-action studies.
- Pharmacological and toxicological evaluations of natural compounds.
- Quality control and standardization of herbal medicines.
- Chemical studies of plants in relation to ethnopharmacology and traditional medicine practices.
- Advances in analytical techniques for natural product research.
- Synergistic effects of natural products.

Guest Editors

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About the Journal

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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