



Extraction, Analysis and Biological Activity Studies of Compounds from Natural Products

Guest Editor:

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Message from the Guest Editor

Naturally occurring bioactive phytochemicals provide unlimited opportunities for the development of novel functional food and drugs. Numerous studies have demonstrated that phytochemicals could become safe and effective alternatives for synthetic medicines. This Special Issue aims to cover the most up-to-date studies on extraction methods, analysis and biological activities of natural compounds or extracts in the research field of plant science, food science, pharmacology and biotechnology. We also welcome review articles that summarize the latest research on this topic.

Possible topics include, but are not limited to:

- A novel method to enhance extraction efficiency of bioactive phytochemicals
- Analytical data of bioactive compounds in promising medicinal plants
- The effects and molecular mechanisms of phytochemicals in inflammation and metabolic disorders
- Phytoestrogens and their action mode in the prevention of postmenopausal diseases





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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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