

Special Issue

Natural Bioactive Derivatives in Human Health Products: Extraction, Phytochemical Screening, and Formulation Design

Message from the Guest Editors

Bioactive compounds are useful in maintaining well-being, enhancing human health, preventing or treating chronic or acute diseases. For this Special Issue of *Molecules*, we invite researchers to contribute original research or review articles covering different aspects of bioactive natural compounds: –Innovative extraction methods of bioactive compounds from food, medicinal plants, and food wastes and byproducts, with particular regard to bio- and eco-compatible solvents and processes; –Chemical characterization, and biological investigation at multiple levels (in tube, in vitro, ex vivo, or in vivo). If plant extracts are the object of study/research, phytochemical profiling elucidation/evaluation is strongly recommended; –Formulation design and development of innovative delivery systems containing vegetable extracts/compounds as raw material or as micro- and nanoparticulate form for food, cosmetic, and pharmaceutical applications; –Technological characterization, stability studies, pharmacodynamic profiles, and biological investigations of plant extracts/compounds-based formulations.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



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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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