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Biomolecules from Essential Oil Bearing Plants: Biological and Industrial Applications

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on extraction, isolation, chemical analysis, identification of essential oils and biomolecules utilizing advanced chromatographic techniques (GC-MS, LC-MS, MS/MS, QTOF), biological activities (in vivo, vitro, and silico) of extracts and compounds from essential oil bearing plants as well as assessment of their safety and quality parameters for a wider range of industrial application. Biotechnological approaches for the enhancement of essential oil production and quality are also encouraged.

I cordially invite authors to submit their original articles as well as reviews to the Special Issue to reveal the importance of naturally occurring products from essential oil bearing plants in order to open up new opportunities in pharmaceuticals, fuels, cosmetics, and food industries for future demands.

Prof. Dr. Marcello Iriti
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Guest Editors



mdpi.com/si/53705

Special Issue



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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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Journal Rank: JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

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