

Special Issue

Essential Oils: Biological Activities and New Possible Applications

Message from the Guest Editors

This Special Issue addresses the growing interest in developing novel alternatives to antibiotics for fighting antimicrobial resistance, new antiviral therapies for both the prevention and control of infections, and novel treatments for various inflammatory processes and depressive states associated with persistent and hard-to-treat infections. Our aim is to gather cutting-edge contributions regarding the biological activities and/or the synergistic effects of various components of volatile oils. Clinical and experimental studies focused on essential oils and pharmaceutical products based on essential oils, strategies to improve their activity, including nano-formulations, as well as new pharmacologic targets for their biological activity are greatly encouraged.

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Deadline for manuscript submissions

closed (30 April 2022)



Molecules

an Open Access Journal
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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/68089

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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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