



Biomolecules from Essential Oil Bearing Plants: Biological and Industrial Applications

Guest Editors:

Prof. Dr. Marcello Iriti

Department of Biomedical,
Surgical and Dental Sciences,
Università degli Studi di Milano,
20133 Milan, Italy

Dr. Moshfekus Saleh-E-In

Division of Forest Resources,
College of Forest and
Environmental Sciences,
Kangwon National University,
Chunchon 200-701, Republic of
Korea

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
Dr. Md. Moshfekus Saleh-E-In
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

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

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/Molecules_MDPI)