

Special Issue

Bioactive Compounds from Plants with Pharmaceutical Interest II

Message from the Guest Editors

Numerous studies have revealed antioxidant and anti-inflammatory activity of natural plant products that could be related to their protective role in human immune response and the development of various chronic diseases. Although a great number of natural bioactive products have already been isolated and investigated, this is still less than 10% of the plant medical treasury. Nature is still an endless source of medical drugs that are waiting to be discovered. This Special Issue aims at providing the state of the art in the field of bioactive secondary plant products of special pharmaceutical interest and to bring together contemporary research of the chemical, biological, and pharmacological properties of natural plant products. Special emphasis is given to the mechanism of action, structure–activity relationships (SAR), bioavailability and efficacy, novel improved herbal drug formulation, etc. We expect that combined, submitted articles will give a realistic assessment of the value of natural plant products to future pharmaceutical discovery.

Guest Editors

Prof. Dr. Neda Mimica-Dukić

Biochemistry and Environmental Protection, Department of Chemistry, University of Novi Sad, Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia

Prof. Dr. Maja Karaman

Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, 21000 Novi Sad, Serbia

Deadline for manuscript submissions

closed (31 July 2024)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/168214

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).