

Special Issue

Design of Natural Products Lead Molecules Using Organic Synthesis

Message from the Guest Editors

From traditional medicine to modern-day therapies, natural sources are of great importance, promoting chemical diversity and quality in human health. Natural products have encouraged and inspired chemists in their scientific research. This Special Issue aims to collect original papers and/or review papers that contribute to the area of natural product chemistry research. We cordially invite researchers to contribute to the study of the chemistry of naturally occurring compounds, specifically, the isolation, structure elucidation, chemical synthesis of novel compounds and in silico studies. Further, evaluation of the biological activities of novel compounds, their structure–activity relationship, and molecular mechanisms of action are welcomed. Emphasis on new works in related fields will be appreciated.

Guest Editor

Assistant

Guest Editors

Dr. Patrícia Rijo

Dr. Vera Isca

Prof. Dr. Daniele Passarella

Deadline for manuscript submissions

closed (31 December 2020)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/34626

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).