Special Issue

Probing Pharmacological and Biological Performance of Synthetic and Natural Compounds

Message from the Guest Editor

Compounds from natural sources and their synthetic derivatives have been the gold mine to discover novel therapeutics for human ailments, including cancer. cardiovascular disorders, and infectious diseases, along with applying their beneficial effects to promote health. prevent aging, and develop cosmetics. An in-depth understanding of the biological activities plus the underlying mechanisms of action is fundamental to translate the pharmacological potentials of natural compounds and their synthetic derivatives to benefit human wellness. Along this line, this special issue of Molecules aims to recruit original articles with novel discoveries and insightful reviews on the pharmacological and biological performance of synthetic and natural compounds, in the hope to bolster our knowledge of the health-beneficial potentials of the gifts from Mother Nature.

Guest Editor

Prof. Dr. Chia-che Chang Institute of Biomedical Sciences, National Chung Hsing University, Taichung 402204, Taiwan

Deadline for manuscript submissions

closed (31 July 2023)



Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/103167

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

mdpi.com/journal/ molecules





Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

