

Special Issue

Structure-Activity Relationship of Natural Products 2018

Message from the Guest Editor

Microbial, plant and terrestrial and marine organisms hold a great deal of promise in biosynthesizing secondary metabolites. These metabolites belong to all the different classes of natural compounds, such as terpenes, phenylpropanoids, polyketides, alkaloids, etc. Thus, these organisms represent a very good source of natural substances, frequently possessing very interesting biological activities with potential applications in different fields. Their practical applications sometimes require an increase in their stability, selectivity, solubility in water, or the best suitable formulation. Studies carried out on the relationship between the chemical structure of a natural compound and its biological activities is an important starting point to obtain information on structural features that are essential for biological activity. Furthermore, the same studies give the necessary information to reach the aims mentioned above for their practical application. All researchers working in the field, are cordially invited to contribute original research papers or reviews to this Special Issue of *Molecules*.

Guest Editor

Prof. Dr. Antonio Evidente

Institute of Biomolecular Chemistry, National Research Council, Via Campi Flegrei 34, 80078 Pozzuoli, Italy

Deadline for manuscript submissions

closed (30 May 2018)



Molecules

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 10.3
Indexed in PubMed



mdpi.com/si/11887

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 5.1
CiteScore 10.3
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).