

Special Issue

Design, Synthesis and Biological Evaluation of Heterocyclic Compounds

Message from the Guest Editor

Heterocycles tend to become independently organized into a variety of functional scaffolds and to socialize with other partner molecules, forming small biomolecular complexes or large assemblies, in various intersections of biological pathways. Heterocycles' architecture, rigidity and interaction determine the fate of a variety of biological events. Understanding the functional role of the heterocycles and their derivatives is strongly coupled to atomic-level insights into their structure and specificity. The research activities of many groups encompass the study of the design, synthesis, structure analysis and biological profiles of heterocycles, both in vivo and in vitro.

Guest Editor

Prof. Dr. Sotiris S. Nikolaropoulos

Laboratory of Medicinal Chemistry, Department of Pharmacy, University of Patras, GR-26500 Patras, Greece

Deadline for manuscript submissions

31 January 2025



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/176498

Molecules

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 4.2
CiteScore 7.4
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 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.

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 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

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 2.8 days (median values for papers published in this journal in the first half of 2024).