

Special Issue

Advances in Heterocyclic Synthesis

Message from the Guest Editor

Heterocycles have a great impact in several areas of chemical research such as organic, bioorganic, medicinal and material chemistry. Such compounds are valuable ligands, auxiliaries or catalysts as well as key synthetic intermediates in organic synthesis. Moreover, heterocycles represent structural cores of bioactive natural products, pharmaceuticals, agrochemicals, polymers and materials. Given the widespread interest, a number of new methodologies for the assembling and the functionalization of heterocycles continues to appear every year in the literature. This Special Issue aims to present new developments in the field of heterocyclic chemistry. Potential topics include (but are not limited to) sustainable synthesis of heterocyclic compounds, one-pot or multicomponent reactions, synthesis of biologically relevant heterocycles.

Guest Editor

Dr. Francesca Marini

Department of Pharmaceutical Sciences, University of Perugia, Via del Liceo 1, 06100 Perugia, Italy

Deadline for manuscript submissions

closed (31 August 2024)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/153222

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 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 (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).