

## Special Issue

# Heterocyclic Bioactive Small Molecules: Advances in Structure Analysis and Drug Discovery in Heterocyclic Chemistry

### Message from the Guest Editors

The editorial board of *Molecules* invites you to submit an article to a Special Issue entitled "Heterocyclic Bioactive Small Molecules: Advances in Structure Analysis and Drug Discovery in Heterocyclic Chemistry". This special Issue of *Molecules* is directed at collecting original research articles and reviews in the field of medicinal chemistry. In particular, manuscripts dealing with computational drug design; new synthetic strategies; flow, green, and combinatorial chemistry; phytochemical extraction methodologies; structure–activity relationship analysis; and biological activities of heterocyclic compounds are welcome. *Molecules* is indexed by the Science Citation Index Expanded (Web of Science), MEDLINE (PubMed) and other databases, and has an Impact Factor of 4.927 (2021).

### Guest Editors

Dr. Annamaria Martorana

Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, Viale delle Scienze, Ed. 17, I-90128 Palermo, Italy

Prof. Antonino Lauria

1. Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, Viale delle Scienze, Ed. 17, I-90128 Palermo, Italy  
2. NBFC, National Biodiversity Future Center, Piazza Marina 61, 90133 Palermo, Italy

### Deadline for manuscript submissions

closed (31 March 2025)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/175961](https://mdpi.com/si/175961)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto: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).