

## Special Issue

# Recent Advances in Heterocyclic Chemistry in Drug Discovery

### Message from the Guest Editor

Heterocycles are common scaffolds of the vast majority of marketed drugs and drug candidates. New advances in synthetic methodologies that enable rapid access to a wide variety of heterocyclic compounds are of critical importance to medicinal chemists as they can readily generate bulk quantities of desired compounds to discover new and effective pharmaceuticals among heterocyclic compounds. This Special Issue of *Molecules* will comprise original research articles and reviews in the field of heterocycle chemistry considering drug design, new synthetic methodologies, process chemistry, and biological activities of heterocyclic compounds.

### Guest Editor

Dr. Qiuqin He  
Department of Chemistry, Fudan University, Shanghai, China

### Deadline for manuscript submissions

closed (31 July 2022)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/103744](https://mdpi.com/si/103744)

*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 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).