

## Special Issue

# Recent Advances in Organochalcogen Chemistry

### Message from the Guest Editors

Chalcogen chemistry has witnessed significant growth and expansion in recent years, with sulfur being traditionally prominent, while selenium and tellurium are emerging as increasingly relevant elements. Research efforts are dedicated to the synthesis and structural investigations of chalcogen-containing organic compounds, as well as to their application in interdisciplinary areas. This Special Issue aims to collect contributions focusing on synthetic methodologies toward chalcogen-containing compounds and on their applications within diverse fields, such as material and supramolecular science, bioorganic chemistry, and pharmaceutical science. Contributions addressing these themes are warmly welcomed.

---

### Guest Editors

Dr. Francesca Mangiavacchi

Dr. Damiano Tanini

Prof. Dr. Claudio Santi

---

### Deadline for manuscript submissions

31 December 2025



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/199232](https://mdpi.com/si/199232)

*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).