



an Open Access Journal by MDPI

## Atroposelective Synthesis of Novel Axially Chiral Molecules

Guest Editors:

**Prof. Dr. Ying He**

School of Chemistry and  
Chemical Engineering, Nanjing  
University of Science &  
Technology, Nanjing 210094,  
China

**Dr. Xinxin Shao**

Key Laboratory of Organosilicon  
Chemistry and Material  
Technology of Ministry of  
Education, Hangzhou Normal  
University, Hangzhou 310036,  
Zhejiang, China

### Message from the Guest Editors

In recent years, axially chiral molecules have attracted the interests of researchers since they play a significant role not only in the field of asymmetric synthesis, but in the occurrence of biologically active molecules. This Special Issue mainly focuses on the atroposelective synthesis of axially chiral molecules and their applications.

Deadline for manuscript  
submissions:

**closed (29 February 2024)**



[mdpi.com/si/123068](https://mdpi.com/si/123068)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**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)

## Contact Us

---

*Molecules* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](#)