



an Open Access Journal by MDPI

## Synthesis, Structure, and Application of Novel Pyrrolic Macrocycles

Guest Editors:

**Dr. Songlin Xue**

School of Chemistry and  
Chemical Engineering, Jiangsu  
University, Zhenjiang 212013,  
China

**Prof. Dr. Changjiang Yu**

School of Chemistry and  
Materials Science, Anhui Normal  
University, Wuhu 241000, China

Deadline for manuscript  
submissions:

**closed (15 September 2023)**

### Message from the Guest Editors

As novel pyrrolic compounds and related  $\pi$ -electron, aromatic systems have expanded their rich applications in the field of organic electronics due to their unique molecular structure, optical and electronic property.

The synthetic methods, structure and catalysis of these novel pyrrolic macrocycles and their complexes are becoming increasingly important in recent years.

The Special Issue entitled "Synthesis, Structure, and Application of Novel Pyrrolic Macrocycles" will provide a platform for researchers to represent new findings and innovative ideas on the advanced synthesis, structure, optical and electronic properties, and applications of novel pyrrolic compounds and their complexes, and nanomaterials, such as MOF and COF.

This Special Issue welcomes the submission of original research papers or comprehensive reviews that demonstrate or summarize significant advances in the novel pyrrolic compounds and their complexes, and nanomaterials, such as MOF and COF, in terms of the synthesis, structures, properties, and application to functional materials.



[mdpi.com/si/129669](https://mdpi.com/si/129669)

# 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](#)