

## Special Issue

# Molecular Insights into Porous Polymers

### Message from the Guest Editor

Porous Organic Polymers (POPs), which possess unique structures and properties, have received significant attention in recent years. The study of POPs became popularized by the urgent need for high-efficiency and multifunctional materials. This is because the adsorption and separation of traditional materials are limited. In contrast, POPs employ elements such as carbon, hydrogen, oxygen, and nitrogen, and are constructed into a three-dimensional network with regular or irregular pores through covalent bonds. They possess properties such as a high specific surface area (SSA), tunable pores, and good chemical stability, opening up new opportunities for the development of materials science.

This Special Issue aims to enhance research regarding this material, seek simpler and more efficient preparation methods, and improve the performance of this type of material, clarify its structure–activity relationship, and promote its practical application.

---

### Guest Editor

Dr. Bolin Ji

College of Chemistry, Chemical Engineering and Biotechnology,  
Donghua University, Shanghai 201620, China

---

### Deadline for manuscript submissions

31 October 2025



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/239352](https://mdpi.com/si/239352)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)



## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

---

### 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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore  
- Q1 (Organic Chemistry)