# Special Issue

# Metal–Organic Cages: Synthesis and Applications

## Message from the Guest Editor

This Special Issue on *Metal–Organic Cages: Synthesis and Applications* aims to highlight recent advances in the structural design, synthesis and applications of metal–organic cages (MOCs). MOCs, formed by the coordination of metal ions with organic ligands, possess intrinsic cavities, making them attractive for a wide range of applications in chemistry, materials science, and biology. The Special Issue seeks to understand the role of the organic ligands and metal ions in order to control the functional performance of these discrete self-assembled structures. We invite contributions that cover diverse aspects of metal–organic cages, including synthetic strategies, ligand and metal selection, structural characterization, computational studies, or post-synthetic functionalization, Original research articles, short communication, reviews, and perspectives are all welcome. Through interdisciplinary contributions, the Special Issue aims to underline the role of MOCs in both, supramolecular chemistry and in material science and biology.

## Guest Editor

Dr. Simona Nica

"C. D. Nenitzescu" Institute of Organic and Supramolecular Chemistry, Romanian Academy, 060023 Bucharest, Romania

## Deadline for manuscript submissions

31 May 2026

**Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/257038

*Molecules*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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

MDPI

# About the Journal

## Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 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).