

Special Issue

Characterization Techniques in Supramolecular Chemistry

Message from the Guest Editor

From its infancy in the synthesis, design, and physicochemical investigation of host–guest complexes, supramolecular chemistry has evolved to become a highly interdisciplinary and largely diversified field. It naturally intersects with other scientific areas, because the weak, noncovalent forces that govern supramolecular host–guest complexes are also responsible for the selective association of other molecules.

At the same time, the supramolecular concepts to build up materials and systems with fascinating, emergent properties require a broad range of modern characterization methods and instrumental techniques to investigate supramolecular systems. This includes, for example, NMR spectroscopy, crystallography, isothermal titration calorimetry, mass spectrometry, single molecule spectroscopy, electrochemistry, various steady-state and time-resolved optical spectroscopic methods, as well as functional assays.

For this Special Issue, I would like to kindly invite you to submit review and original research articles on all aspects of characterizing supramolecular systems.

Guest Editor

Dr. Andreas Hennig

Department of Life Sciences and Chemistry, Jacobs University Bremen, Bremen, Germany

Deadline for manuscript submissions

closed (30 November 2019)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/18079

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).