

## Special Issue

# New Technologies for Encapsulation of Small Molecules and Plant Extracts II

### Message from the Guest Editors

In recent years, the encapsulation of small molecules and plant extracts has made significant progress in the food, pharmaceutical, and material sciences. Many innovative technologies for encapsulation are being developed and applied, with particular interest in biological compounds with high added value from plant sources. The remarkable properties of these compounds, such as beneficial nutritional, medical, and structural properties as well as antimicrobial and antioxidant activities and the additional functionality of encapsulation, allow the application of such systems for the production of functional foods or the enrichment and preservation of foods and materials. This Special Issue's goal is to capture the current state of the art and contemporary progress in this field. Proposed topics are: Advanced encapsulation systems, natural products, biopolymers, nanocarriers, self-assembly, carrier formulation, drug delivery, novel extraction/separation methods, phytochemicals, essential oils, volatile compounds, plant extracts, and microorganisms including new appropriate characterization approaches

---

### Guest Editors

Prof. Dr. Natasa Poklar Ulrih  
Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia  
Dr. Ilja Gasan Osojnik Črnivec  
Biotechnical Faculty, University of Ljubljana, 1000 Ljubljana, Slovenia

---

### Deadline for manuscript submissions

closed (31 March 2024)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/144777](https://mdpi.com/si/144777)

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

---

### 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 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).