

## Special Issue

# Recent Insights into Nanoparticles: Design, Synthesis, Characterization, and Applications

### Message from the Guest Editors

All aspects of nanoparticles, including their optical, electrical, thermal, mechanical, and biological characteristics, as well as their applications in sensing, biology, optical devices, and imaging, will be covered in the focus issue. Reviews and original research papers on nano-scale biomedical applications that are of interest to readers are all welcomed. The rapid development of nanostructured devices and/or materials is another aspect of this Special Issue (below 100 nm). Topics include, but are not limited to, nanostructures, nanofilms, nanointerfaces, nanomaterials, nanocomposites, and nanotubes.

### Guest Editors

Dr. Haitham Kalil

Dr. Abdullah Ismail El-Falouji

Prof. Dr. Hassan Mohamed Ahmed Hassan

Dr. Mohamed Khairy

### Deadline for manuscript submissions

closed (30 June 2023)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.2  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/si/146047](https://mdpi.com/si/146047)

*Molecules*

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 4.2  
CiteScore 7.4  
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 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

#### 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 2.8 days (median values for papers published in this journal in the first half of 2024).