

## Special Issue

# Nanotechnology Applications in Nanomedicine: Recent Advances and Prospects

### Message from the Guest Editors

Nanomedicine, an offshoot of nanotechnology, is defined as the “science that uses nanomaterials to the development of diagnosis, treatment and prevention of specific medical application.” Nanomedicine is one of the most rapidly growing fields of translational medicine, because it offers great opportunities to promote innovations in numerous medical fields, including controlled drug delivery, biomarkers, molecular imaging, biosensing, and so on. Notably, the contributions of nanomedicine are still growing in a more spectacular way, along with the development of nanotechnology. This Special Issue, “Nanotechnology Applications in Nanomedicine: Recent Advances and Prospects”, aims to collect and disseminate some of the most significant and recent contributions in the field of nanomedicine.

---

### Guest Editors

Dr. Haijun Shen

School of Medicine, Jiangsu University, Zhenjiang 212013, China

Dr. Jin Li

School of Pharmacy, Xuzhou Medical University, Xuzhou 221000, China

---

### Deadline for manuscript submissions

closed (31 October 2024)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/157259](https://mdpi.com/si/157259)

*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).