

Special Issue

Recent Trends of Functional Nanomaterials for Biomedical and Healthcare Applications

Message from the Guest Editors

The aim of the Special Issue on “Recent Trends of Functional Nanomaterials for Biomedical and Healthcare Applications” is to invite the submission of original research, short communications, and review articles focusing on advanced nanomaterials to achieve better biomedical and healthcare application. This Special Issue will provide comprehensive information on advanced technologies and approaches for fabricating novel nanomaterials suited for biomedical and healthcare applications. The topics in the Special Issue can benefit advanced students, researchers, materials chemists, polymer scientists, biomedical engineers, and industry experts in developing smart and intelligent nanomaterials for future biomedical applications and healthcare devices. We look forward to receiving outstanding contributions from esteemed researchers for this Special Issue of *Molecules* that focuses on the design, synthesis, characterization, applications, and potential challenges of advanced nanomaterials for implementation in biomedical and healthcare sectors.

Guest Editors

Dr. Sudeshna Chandra

Hanse-Wissenschaftskolleg—Institute for Advanced Study (HWK),
Lehmkuhlenbusch 4, 27753 Delmenhorst, Germany

Prof. Dr. Heinrich Lang

MAIN Research Center, Research Group Organometallics, Technische
Universität Chemnitz, Rosenbergstr. 6, 09126 Chemnitz, Germany

Deadline for manuscript submissions

closed (30 September 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/131801

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 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).