

Special Issue

30th Anniversary of *Molecules*—Recent Advances in Bioorganic Chemistry

Message from the Guest Editors

The year 2026 marks the 30th anniversary of *Molecules*, and we are pleased to launch the Special Issue “30th Anniversary of *Molecules*—Recent Advances in Bioorganic Chemistry”. Bioorganic chemistry sits at the interface of organic chemistry and the life sciences, focusing on the chemical principles of biological processes and the design, synthesis, and study of biologically relevant molecules. This Special Issue aims to highlight recent advances and emerging trends in the field, with emphasis on molecular-level studies that enhance our understanding of enzyme function, catalysis, molecular recognition, biomolecular interactions, and the chemical basis of biological regulation. We welcome contributions on topics such as chemoenzymatic and biomimetic synthesis, biocatalysis, biosynthetic pathways, enzyme inhibitors, protein and peptide chemistry, non-natural amino acids, glycobiology, bioactive lipids, nucleic acid recognition, supramolecular chemistry, membrane chemistry, and advanced analytical or mass spectrometry-based studies.

We warmly invite researchers to contribute their latest work to celebrate this milestone and further advance the impact of *Molecules*.

Guest Editors

Prof. Dr. Raffaele Saladino

Department of Ecological and Biological Sciences, Tuscia University,
01100 Viterbo, Italy

Prof. Dr. Harri Lönnberg

Department of Chemistry, University of Turku, 20014 Turku, Finland

Deadline for manuscript submissions

31 December 2026



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/265490

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 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).