

Special Issue

Glycoconjugates and Glycomimetics for Targeting Lectins

Message from the Guest Editors

The Special Issue "Glycoconjugates and glycomimetics for targeting lectins" aims to cover the research progress in the analysis, binding, or inhibition of biomedically attractive lectins using natural and artificial glycoconjugates, glycomimetics, and oligo- and polysaccharides. We are seeking contributions on new (bio)synthetic methods for glycoconjugates and glycomimetics, including the use of carbohydrate-active enzymes, innovative multivalency concepts, and methods of analyzing ligand interaction with lectins and the relationship between a ligand structure and its affinity. We welcome studies on structures prospective as diagnostic, therapeutic, or drug delivery agents.

Guest Editors

Dr. Pavla Bojarová

1. Institute of Microbiology, Academy of Sciences of the Czech Republic, Laboratory of Biotransformation, National Centre of Biocatalysis and Biotransformation, Videnska 1083, CZ 142 20 Praha 4, Czech Republic

2. Faculty of Biomedical Engineering, Czech Technical University in Prague, Kladno, Czech Republic

Prof. Dr. Vladimír Křen

Institute of Microbiology, Academy of Sciences of the Czech Republic, Laboratory of Biotransformation, National Centre of Biocatalysis and Biotransformation, Videnska 1083, CZ 142 20 Praha 4, Czech Republic

Deadline for manuscript submissions

closed (30 September 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/63096

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)