

Special Issue

Advances in the Molecular Biology of Proteins in Drug Research

Message from the Guest Editors

Proteins play a central role in the pathomechanisms of diseases. In drug research, proteins are often targeted by small molecular drug candidates, and the application of protein drugs is also emerging. The current Special Issue covers all aspects of drug research related to proteins. For example, molecular aspects of the role of proteins in the pathomechanism of diseases, the selection and validation of protein targets, the determination and calculation of protein structure, the development of assays, the selection of hits, and the design of small molecular lead compounds or the development of protein drugs will also be considered. Methods and applications that focus on the role of proteins in drug research are also of interest. Submissions of both experimental and theoretical original research and reviews are welcome for the Special Issue.

Guest Editors

Dr. Csaba Hetényi

Department of Pharmacology and Pharmacotherapy, Medical School, University of Pécs, Szigeti út 12, 7624 Pécs, Hungary

Dr. Uko Maran

Institute of Chemistry, University of Tartu, Ravila 14A, 50411 Tartu, Estonia

Deadline for manuscript submissions

closed (20 April 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/183191

*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)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

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