

Special Issue

Developments in Drug Discovery: Computational and Experimental Aspects

Message from the Guest Editors

we invite original research and review articles on drug discovery. The “Molecular Pharmacology” Section aims to publish the latest developments in cellular and molecular pharmacology with a major emphasis on the mechanism of action of novel drugs, innovative pharmacological technologies, cell signaling, transduction pathway analysis, genomics, proteomics, and metabolomics applications to study drug action. This Special Issue is committed to providing an overview in recent topics and developments from the broad field of drug discovery research. This can include findings of new molecular targets, novel modulators of activity of established targets as well as descriptions of promising methods that could enrich the portfolio of available drug discovery techniques.

Guest Editors

Dr. Adam Jarmuła

Nencki Institute of Experimental Biology of the Polish Academy of Sciences, Warsaw, Poland

Dr. Piotr Maj

1. Department of Chemistry and Molecular Biology, University of Gothenburg, Gothenburg, Sweden
2. Department of Chemistry - BMC, Uppsala University, Uppsala, Sweden

Deadline for manuscript submissions

closed (15 May 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/124491

*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)