

Special Issue

Recent Advances in Neuroprotective Drug Development and Therapeutic Applications

Message from the Guest Editor

This Special Issue, "Recent Advances in Neuroprotective Drug Development and Therapeutic Applications", aims to highlight recent progress in experimental and translational neuropharmacology, with particular emphasis on molecular and cellular mechanisms underlying neuroprotection. We welcome original research articles and reviews addressing neuroprotective strategies targeting dopaminergic, glutamatergic, and endocannabinoid signaling, synaptic plasticity, and stress-related neuroadaptations. Both basic and translational studies employing validated experimental models are encouraged, with the goal of advancing neuroprotective drug development and therapeutic applications in central nervous system disorders.

Guest Editor

Prof. Dr. Jolanta Helena Kotlińska

Department of Pharmacology and Pharmacodynamics, Medical
University of Lublin, Chodźki 4a St., 20-093 Lublin, Poland

Deadline for manuscript submissions

31 March 2027



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/266966

*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 5.6
CiteScore 10.0
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 (Inorganic Chemistry)