

## Special Issue

# Inflammation in the CNS and PNS: From Molecular Basis to Therapy

### Message from the Guest Editors

Many advances have been made in the understanding of the nervous system pathophysiology; however, several instances have yet to be completely clarified. Neuroinflammation often precedes and worsens neuron death, and its inhibition has proved to be one of the most efficient methods of slowing down neurological disease progression. Nevertheless, it is recognized that inflammatory responses could have beneficial functions, assisting in repair and recovery processes. This Issue aims to cover all areas of molecular-based and preclinical research to study the role played in human diseases by inflammation of the central and peripheral nervous system. Original research and reviews articles are welcome, and clinical submissions with biomolecular experiments are especially encouraged. Cellular and molecular analyses, as well as potential therapeutic targets concerning conditions such as Alzheimer's disease, amyotrophic lateral sclerosis, ataxias, Huntington's disease, multiple sclerosis, Parkinson's disease, peripheral neuropathies, stroke, and spinal cord and brain injuries, will be explored.

### Guest Editors

Dr. Savina Apolloni

Department of Biology, University of Rome "Tor Vergata", 00133 Rome, Italy

Dr. Nadia D'Ambrosi

Department of Biology, University of Rome Tor Vergata, Rome, Italy

### Deadline for manuscript submissions

closed (31 October 2022)



## International Journal of Molecular Sciences

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/96413](https://mdpi.com/si/96413)

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