

Special Issue

Pharmacological Strategies for Neuroinflammation in Brain Injury

Message from the Guest Editors

Brain injury is a widespread and devastating problem that affects all ages. Only incremental improvements in treatment have been made over the past century. Brain injury management lacks effective pharmacological treatment. Persisting neuroinflammation is a significant component of secondary brain injury that can progressively worsen brain damage over time, thus allowing for opportunities to pharmacologically intervene. The management of neuroinflammation may be a promising target for improving patient outcomes. Substantial evidence suggests that therapies targeting the cytokine pathway may limit neuroinflammation. A better understanding of microglia heterogeneity may lead to more effective and precise therapeutic approaches and help to identify biomarkers for brain injury.

Guest Editors

Dr. Vijay Kumar

Johns Hopkins University School of Medicine, Baltimore, MD, USA

Prof. Dr. Anna-Leena Sirén

Department Neurosurgery, University Clinic of Würzburg, Würzburg, Germany

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/84098

*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)