

Special Issue

Neuroinflammation and Pain

Message from the Guest Editor

Neuropathic pain is a debilitating type of chronic pain that often results from chronic neuroinflammation after nerve injury. The pathogenesis of neuropathic pain has been studied extensively, and knowledge on pain has increased rapidly. Early studies focused on neurons and their activity to uncover the mechanisms of neuropathic pain. However, recent studies have identified key roles of microglia and astrocytes in the pathophysiology of neuropathic pain. Microglia and astrocytes in the spinal cord and brain may polarize to various phenotypes and play opposite roles in neuropathic pain. The understanding of the high microglia and astrocyte phenotype could offer better diagnostic and therapeutic approaches for neuropathic pain. This issue will be of interest to researchers working on glia biology, neuroimmunology, neural plasticity, and also to chemical biologists interested in drug discovery and clinicians for neuropathic pain.

Guest Editor

Prof. Dr. Dong Woon Kim

Department of Medical Science, Department of Anatomy and Cell Biology, Brain Research Institute, School of medicine, Chungnam National University, Daejeon 305-764, Korea

Deadline for manuscript submissions

closed (31 December 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/43713

*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)