

Special Issue

Neuroinflammation: The Pathogenic Mechanism of Neurological Disorders

Message from the Guest Editor

Neuroinflammation is an essential mechanism in the development and progression of several neurological and psychological diseases. Although neuroinflammation is a natural defense mechanism against versatile pathologic insults within the central nervous system (CNS), immune responses may play a potentially detrimental role by excessive inflammatory reactions. A better understanding of the inflammatory processes that are triggered before or at the time when the damage to the CNS occurs as well as the subsequent cascades of inflammatory reactions could lead to the development of novel treatments. This Special Issue of the *IJMS* welcomes both original research articles and reviews on our molecular and conceptual understanding of neuroinflammation in disorders of the CNS, including cerebrovascular diseases, multiple sclerosis, brain trauma, epilepsy, various neurodegenerative diseases, brain tumors, different psychological disorders, and migraine. We are particularly interested in articles that focus on the recent advances in targeting neuroinflammation as a novel approach to the treatment of CNS disorders.

Guest Editor

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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.

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