Special Issue

Neuroinflammation: From Molecular Mechanisms to Therapy

Message from the Guest Editors

Despite the intricate network of molecular mechanisms underpinning neuroinflammation, we are progressively gaining an increasing and deeper understanding of the multifarious inflammatory signaling pathways with a critical role in disease, resulting in the potential enhancement of targeted treatment options. In this context, this Special Issue will present the recent advances from different research perspectives (in vitro, in vivo, and clinical studies) on (1) molecular and cellular targets affecting neuroinflammation and the major inflammatory signaling pathways related to disease. Potential topics can include (but are not limited to) microglia as key cellular mediators of neuroinflammatory processes; NLRP3 inflammasomes; the kynurenine pathway; endocannabinoids; (2) emerging targeted treatment strategies from clinical medicines to natural products which are under development as potentially effective in the treatment of disease by modulating neuroinflammation at different biological levels.

Guest Editors

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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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