

Special Issue

Neuroinflammation: From Molecular Mechanisms to Therapeutic Perspectives

Message from the Guest Editor

Diseases that involve the nervous system and different neuropsychiatric syndromes, including those simply associated with aging, are currently one of the great concerns in global health. There is no doubt that neuroinflammation is involved to a greater or lesser degree in most brain diseases, whether chronic, neurodegenerative or involving acute brain damage, for a multitude of different causes.

The relationship between neuroinflammation and alterations in neurotransmission are still unknown, and it would be very important to advance the knowledge of these mechanisms in order to expand the therapeutic possibilities, since altered neurotransmission is the main basis of alterations in brain function, and therefore the cause of different neurological disorders.

The objective of this Special Issue is to update the knowledge about the mechanisms of neuroinflammation in different circumstances and the therapeutic implications that it entails—not only based on the mechanisms that lead to neuroinflammation, but also on how it interferes with brain mechanisms (mainly neurotransmission) to alter brain function.

Guest Editor

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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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