

Special Issue

Signaling Pathways in Neuroinflammation or Neurodegenerative Disorders

Message from the Guest Editor

Research into neurodegenerative illnesses, such as Huntington's, Parkinson's, and Alzheimer's disease and amyotrophic lateral sclerosis, has revealed that inflammation plays a critical role in the process of neurodegeneration in addition to being a symptom of it. Protein aggregates, a prevalent pathogenic feature in neurodegeneration, can trigger neuroinflammation, exacerbating both the neurodegenerative process and the protein aggregates. In fact, inflammation occurs even before the aggregation of proteins. For instance, certain susceptible populations may experience protein deposition as a result of neuroinflammation brought on by genetic differences in CNS cells or by peripheral immune cells. Though they are still far from being fully understood, a variety of CNS cells and a number of signaling pathways have been implicated in the etiology of neurodegeneration. This Special Issue aims to provide a thorough overview of the variables influencing neuroinflammation and the main inflammatory signaling pathways implicated in the pathophysiology of neurodegenerative illnesses.

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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