

Special Issue

Neuroinflammatory Mediator in Neurodegenerative Disease

Message from the Guest Editors

Neuroinflammation is one of the crucial mechanisms in the pathogenesis of various brain diseases. Understanding the processes underlying this phenomenon through screening analysis and implementation of next-generation therapies could help us to study and understand genomes and the relationship between genotype and phenotype. The aim of this special issue is to report on recent advances in neurodegenerative pathologies studies. This includes, but is not limited to, the use of exome sequencing, RNA sequencing, gene expression profiling, specific gene functions, protein-protein interactions, epigenomics, genome-wide association studies, and genomic selection or prediction. In vitro, in vivo and clinical studies as well as bioinformatics tools and databases that facilitate the analysis of genomic data are also welcome. We encourage you to contribute your studies and research to advance the understanding and control of these debilitating diseases. Sharing the results will enable significant advances in the field of neuroscience and further research to improve the quality of life for patients affected by neurodegenerative diseases.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/180675

*International Journal of
Molecular Sciences*
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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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