

Special Issue

Advances in Mechanisms, Diagnosis and Therapy of Multiple Sclerosis and Other Demyelinating Diseases

Message from the Guest Editors

Multiple sclerosis (MS) and other demyelinating diseases (including NOMSD) are chronic autoimmune and neurodegenerative diseases of the central nervous system (CNS) in which inflammation, demyelination, and axonal degeneration lead to the fast progression of neurological disability in young adults. MS is a complex disease that arises from the interplay between non-genetic and genetic risk factors. Environmental and genetic/epigenetic factors that influence on MS incidence are still under investigation, as well as the molecular and cell pathogenesis of the demyelinating and neurogenerative process in MS and NMOSD. The “inside-out” and “outside-in” hypotheses have been actively studied. In spite of real progress in MS and NOMSD immunomodulating therapy, there is no real possibility of tissue restoration and control on neurodegeneration. The mechanisms of the progression of the diseases are the main topic of numerous studies, and the results are sometimes controversial. Individual selection of therapy at different stages of the disease is very actual. We warmly welcome submissions, including original papers and reviews, on these widely discussed topics.

Guest Editors

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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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