

## Special Issue

# Multiple Sclerosis and Demyelinating Pathologies: Mechanisms and Cutting-Edge Therapies

### Message from the Guest Editor

This Special Issue is dedicated to the study of multiple sclerosis (MS) and other demyelinating pathologies, and will publish a collection of original research or review articles related to this topic. Highlights in the field of neuroinflammation, myelin damage, immune-mediated responses in the central nervous system (CNS), and consequent neurological deficits will be discussed. Articles should debate how these mechanisms cause or contribute to the progression of neuroinflammation and associated myelin damage or neurological symptoms, and how they might represent innovative targets for future treatments. Studies that include animal models of demyelinating pathologies (i.e., the experimental autoimmune encephalomyelitis (EAE)), the investigation of glial cells and their different roles in the pathogenesis of demyelinating diseases, research based on in vitro models of oligodendroglial/astrocyte/microglial cell cultures or co-cultures of OPC/DRG neurons as in vitro assays of de-myelination/re-myelination are highly welcome, as is research on genetic polymorphisms or epigenetic mechanisms associated with MS.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 April 2022)



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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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### Editor-in-Chief

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