



Molecular Research and Treatment in Multiple Sclerosis

Guest Editors:

Dr. Nada Starčević Čizmarević

Department of Medical Biology
and Genetics, Faculty of
Medicine, University of Rijeka,
51000 Rijeka, Croatia

Prof. Dr. Borut Peterlin

Clinical Institute of Genomic
Medicine, University Medical
Center Ljubljana, SI-1000
Ljubljana, Slovenia

Deadline for manuscript
submissions:

25 September 2024

Message from the Guest Editors

Multiple sclerosis (MS) is a neurodegenerative disease of the central nervous system with autoimmune and inflammatory features. The precise etiology of MS remains elusive, presumed to result from complex interactions between genetic predispositions and environmental influences, infectious exposures, and factors that lead to pro-inflammatory conditions and neuronal injury. Despite extensive research on the development of new drugs, there is no effective therapy for all patients, and the response of patients to available medication varies greatly.

This Special Issue aims to expand knowledge and clarify the molecular mechanisms and genetic factors involved in multiple sclerosis in order to search for accurate biomarkers and contribute to advances in the treatment of all forms of MS.

This Special Issue only considers papers that use molecular data to improve our understanding of the genetic and molecular basis of the disease and to develop therapeutic strategies based on the underlying mechanisms of MS, neuroprotection, and repair.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI