



Autoimmunity in the Nervous Systems: Multiple Sclerosis and Beyond

Guest Editors:

Dr. Maria Liguori

Consiglio Nazionale delle
Ricerche, Institute of Biomedical
Technologies, Bari Unit, Bari,
Italy

Dr. Maria Rosaria Coscia

National Research Council of
Italy, Institute of Biochemistry
and Cell Biology, Via P. Castellino
111, 80131 Naples, Italy

Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

The term “Autoimmunity” describes the loss of immunological tolerance (central or peripheral) that allows to recognize its own cells and tissues as “self”; in humans, this leads to aberrant immune responses directed against healthy tissues and/or cells or cell components, resulting in diseases that may involve local (organ-specific, e.g. the central and/or peripheral nervous system) or systemic reactions.

In this Special Issue we aim to provide the whole picture of autoimmunity from a broad perspective, starting from the general molecular mechanisms and the novel hypotheses on its multifactorial background, to other more practical perspectives, such as the identification of potential biomarkers of the immune status associated with a given disease. Particular interest will be addressed to novel and original data reporting significant sex differences in the autoimmune pathogenic mechanisms of the most known neurological diseases.





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