

IMPACT FACTOR 4.9





an Open Access Journal by MDPI

# 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 o 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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

#### **Contact Us**