



10th Anniversary of *Biomedicines*—Advances in Multiple Sclerosis

Guest Editor:

Prof. Dr. Víctor M. Rivera

Department of Neurology, Baylor
College of Medicine, Houston, TX
77030, USA

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

Multiple sclerosis (MS), an inflammatory demyelinating disease of the CNS, has attracted worldwide recognition due to its increasing global prevalence, including populations previously considered not to be commonly affected. Genetics and environmental factors play a determining role in its pathogenesis. Notable progress has been accomplished in diagnostic criteria (which evolve continuously) as well as therapeutic advances. In fact, in less than three decades, more therapies with diverse mechanisms of action (MOAs) for relapsing and progressive MS have been developed for MS than for any other neurological disorder. Magnetic resonance imaging (MRI), the golden tool for diagnosis, is essential for monitoring the evolution of the disease and the response to therapy.

The aim of this Special Issue is to highlight studies and opinions on risk factors related to the development of the disease, molecular aspects of its pathogenesis, and the effects of disease-modifying therapies on relapsing and progressive forms of MS.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research

Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA

2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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](#), [CAPUS / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](#)