



Neurogenic Neuroinflammation in Fibromyalgia

Collection Editors:

Prof. Dr. Rosanna Di Paola

Department of Chemical,
Biological, Pharmaceutical and
Environmental Sciences,
University of Messina, 98166
Messina, Italy

Dr. Roberta Fusco

Department of Chemical,
Biological, Pharmaceutical and
Environmental Science,
University of Messina, 98122
Messina, Italy

Message from the Collection Editors

Chronic pain, fatigue, and depression, all of which are primary fibromyalgia symptoms, have been linked to neuroinflammation in certain regions of the central nervous system. Peripheral and central effects, such as neurogenic neuroinflammation, are also important contributors to the clinical features of each of these disorders. Investigation of the role of neurogenic neuroinflammation in fibromyalgia might contribute to improved understanding of the fundamental mechanisms leading to these enigmatic disorders, as well as to the identification of new therapeutic targets. A major neuroinflammation symptom that has been discovered through research is neurodegeneration. Conditions associated with neuroinflammation include Alzheimer's disease and Parkinson's disease.

This collection focuses on the different degrees to which neurogenic neuroinflammation might contribute to the multifactorial pathogenesis of fibromyalgia. Reviews and research articles that discuss novel therapeutic targets and molecular mechanisms involved between the two disorders are welcome.





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](#)