

Special Issue

Immune Mediated Inflammatory Diseases: From an Update on Molecular and Cellular Mechanisms to Biomarkers for Personalized Medicine

Message from the Guest Editor

IMIDs are common conditions which cause pain, distress and loss of function, characterised by a burden of inflammatory leading to organ damage and increased morbidity and/or mortality. Inflammation may result from or be caused by an inadequate immune response for which an autoantigen has been identified in some conditions. An underlying manifestation of this shared immune dysregulation in clinically unrelated conditions is the inappropriate activation of inflammatory cytokines, notably, IL6 or TNF-alpha.

The Special Issue is related to new insight into the mechanism of in IMIDs from molecular and cellular events leading to the establishment of chronicity in these diseases, from epigenetics, gene expression, phenotyping or functional work, cytokine/chemokines networkingetc. Research into biomarker for diagnostic, prognostic and prediction of response to treatment / relapse, are also invited from any stage of development from discovery to validation/replication studies. Both original research and comprehensive review are welcomed.

Guest Editor

Dr. Frédérique Ponchel

Leeds Institute of Rheumatic and Musculoskeletal Medicine, University of Leeds, Leeds LS2 9JT, UK

Deadline for manuscript submissions

closed (31 August 2021)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/34516

Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)





Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)



About the Journal

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.

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).