

Special Issue

Emerging Trends in Cardioimmunology: Pathomechanisms and Therapeutic Strategies

Message from the Guest Editor

Recently, investigations of the interplay between the cardiovascular system and inflammatory responses have gained traction as immune responses are implicated as a critical factor in the pathogenesis and treatment intervention of CVDs. This Special Issue, “Emerging Trends in Cardioimmunology: Pathomechanisms and Therapeutic Strategies”, aims to bring together cutting-edge research that delves into and attempts to decipher the intricate mechanisms inducing and scaffolding immune processes that impact cardiovascular health and disease. Within this Special Issue, we invite original research articles, review papers, and clinical studies utilizing in vitro and system biology approaches that push the boundaries of current knowledge to elucidate the underlying pathomechanisms of cardiovascular remodeling and diseases facilitated by immunological responses. Through this collection, we hope to inspire further research and collaboration in this dynamic and interdisciplinary field, ultimately improving cardiovascular health outcomes in patients.

Guest Editor

Dr. Gabriel Adzika

Department of Physiology, Institute for Diabetes, Obesity and Metabolism, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, USA

Deadline for manuscript submissions

30 September 2025



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/236020

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 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).