



an Open Access Journal by MDPI

Inflammation and Vascular Biology in Regenerative Medicine

Guest Editors:

Dr. Bisheng Zhou

Department of Pharmacology
and Regenerative Medicine,
College of Medicine, University of
Illinois, Chicago, IL 60612, USA

Dr. Ruihua Ma

Northwestern University Feinberg
School of Medicine, Chicago, IL,
USA

Deadline for manuscript
submissions:

closed (31 August 2024)

Message from the Guest Editors

This Special Issue, titled "Inflammation and Vascular Biology in Regenerative Medicine", aims to explore the intricate interplay between inflammation, vascular dynamics, and the emerging field of regenerative medicine. This Special Issue welcomes original research, reviews, and studies that probe the multifaceted relationship between inflammation, vascular responses, and regenerative medicine across diverse contexts of tissue injury and regeneration. Topics of interest encompass the molecular mechanisms underlying inflammatory vascular injuries, the vascular orchestration of immune responses, immune-vascular interactions in tissue healing, the influence of immune and vascular factors (like cytokines, growth factors, and angiocrine factors) on injury and regeneration, and innovative therapeutic avenues targeting inflammation and the vascular system. By elucidating these connections, the Special Issue aims to foster insights and inspire novel strategies to enhance tissue repair and regeneration by leveraging the synergistic effects of inflammation and vascular biology.



mdpi.com/si/183728

Special Issue



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*, *CAPLus / SciFinder*, and other databases.

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

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](https://twitter.com/Biomed_MDPI)