



Microcirculation, Thrombosis, and Inflammation in Peripheral Artery Disease and in the Brain

Guest Editors:

Dr. Patricia Pia Wadowski

Department of Internal Medicine
II, Division of Angiology, Medical
University of Vienna, 1090 Wien,
Austria

Dr. Henriette Löffler-Stastka

Department of Psychoanalysis
and Psychotherapy, Medical
University of Vienna, 1090 Vienna,
Austria

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editors

Peripheral artery disease is, to a wide extent, driven by chronic inflammatory and prothrombotic signaling pathways. Vascular dysfunction underlies the progression of atherosclerosis and macrovascular as well as microvascular alterations. Moreover, pro-inflammatory signaling pathways are supposed to be a link between atherosclerotic and neuropsychological diseases. The difference is that in neuroinflammation, no broad invasion into tissue or tissue destruction takes place. Instead, functional connectivity problems or neurotransmitter alterations, for example, lead to clinically similar pictures as psychic alterations due to artery disease. This Special Issue invites us to dig into the biomedical exploration of these differentiations and enrich the bio-psycho connection. We welcome articles focusing on peripheral artery disease, including vascular dysfunction, thrombosis, and inflammation, with a special focus on the context of systemic secretion of chemokines and neurotransmitter alterations.





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](#)