

## Special Issue

# Cardiac and Vascular Diseases: Pathogenesis, Pharmacological Treatments, Advances in Therapies (3rd Edition)

### Message from the Guest Editors

Cardiovascular diseases are the leading cause of death worldwide. The relationship between cardiac and vascular structures is not always considered, and these diseases are often underdiagnosed. The focus of this Special Issue is to develop new insights into the pathogenesis of vascular alterations in cardiac diseases by outlining the complex genetic, biochemical, and molecular aspects at the center of these alterations. Early identification of cardiac and vascular diseases as well as the correct evaluation of mechanisms and pathogenetic pathways will help to promote the development of targeted therapies. This Special Issue also aims to cover the landscape of cardiovascular pharmacology. Authors are invited to contribute their research in the field of pharmacological approaches to cardiac and vascular diseases by outlining the most recent advances in therapies and treatments. The combination of research in pathogenesis and pharmacology will give a comprehensive overview of cardiovascular diseases and the attempts to improve outcomes for patients.

### Guest Editors

Dr. Francesco Massari

Cardiology Department, Perinei Hospital, Bari, Italy

Prof. Dr. Pietro Scicchitano

Cardiology Department, Perinei Hospital, Bari, Italy

### Deadline for manuscript submissions

closed (31 January 2026)



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*Biomedicines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)

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## 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.

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### 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

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