

Special Issue

New Insights into Antithrombotic Therapy for Cardio- and Cerebrovascular Disease: From Molecular Mechanisms to Clinical Application

Message from the Guest Editors

Atherosclerotic disease and its thrombotic complication are the pathophysiological substrate underlying several clinical conditions, such as acute and chronic coronary syndrome (ACS and CCS, respectively), stroke, and peripheral artery disease.

Pharmacological modulation of both components of thrombosis, the coagulation cascade and platelet activation, is of great clinical importance. Several clinical trials have clearly shown the efficacy of anticoagulation and/or anti platelet aggregation in different thrombotic disorders. However, real-world practice clearly indicated that antithrombotic strategies need to be personalized according to patient characteristics, such as age, concomitant diseases already requiring antithrombotic drugs or at risk for bleeding.

This issue will focus on current hurdles of antithrombotic treatments in patients with cardio- and cerebrovascular diseases, starting from the molecular mechanisms involved, proposing practical solutions to compelling clinical scenarios using a pathophysiology-oriented approach on the basis of current clinical evidence.

Guest Editors

Prof. Dr. Giovanni Cimmino

1. Department of Translational Medical Sciences, University of Campania Luigi Vanvitelli, 80131 Naples, Italy
2. Vanvitelli Cardiology Unit, Monaldi Hospital, 80131 Naples, Italy

Prof. Dr. Plinio Cirillo

Department of Advanced Biomedical Sciences, University of Naples Federico II, Naples, Italy

Deadline for manuscript submissions

closed (28 February 2023)



**Journal of
Cardiovascular
Development and
Disease**

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 3.7
Indexed in PubMed



mdpi.com/si/105549

*Journal of Cardiovascular
Development and Disease*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcdd@mdpi.com

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





Journal of Cardiovascular Development and Disease

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 3.7
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to JCDD undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. JCDD guarantees fast dissemination of results to a large scientific audience

Editor-in-Chief

Prof. Dr. Thomas Brand
National Heart & Lung Institute, Imperial College London, South
Kensington Campus, London SW7 2AZ, UK

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Cardiac and Cardiovascular Systems) /
CiteScore - Q2 (General Pharmacology, Toxicology and
Pharmaceutics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.8 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).