

Special Issue

INOCA, ANOCA, and MINOCA: Pathogenesis, Diagnosis and Treatment

Message from the Guest Editors

Angina with non-obstructive coronary artery disease (CAD) (ANOCA), ischemia with non-obstructive CAD (INOCA), or myocardial infarction with non-obstructive coronary arteries (MINOCA). Coronary microvascular dysfunction (CMD) occurs when the microvasculature fails to adequately perfuse the myocardium under stress or at rest in microvascular spasm, resulting in ANOCA/INOCA/MINOCA. These conditions represent frequent clinical challenges with currently limited treatment options. Progress will be made as we improve our diagnostic testing capabilities and develop therapies specifically designed to address microvascular dysfunction. This Special Issue, titled "INOCA, ANOCA, and MINOCA: Pathogenesis, Diagnosis, and Treatment," aims to provide an overview of the latest insights into the pathophysiology of these conditions, the latest challenges in diagnosis and innovative diagnostic techniques, and emerging treatment strategies on coronary microvascular dysfunction. This Special Issue aims to summarize these syndromes and their associated clinical outcomes, with an emphasis on potential mechanistic signals involving the endothelium, microvasculature, and cardiomyocyte function.

Guest Editors

Dr. Vincenzo Sucato

Department of Health Promotion, Mother and Child Care, Internal Medicine and Medical Specialties (ProMISE), Division of Cardiology, University Hospital Paolo Giaccone, University of Palermo, 90127 Palermo, Italy

Dr. Cristina Madaudo

Department of Health Promotion, Mother and Child Care, Internal Medicine and Medical Specialties, University of Palermo, Palermo, Italy

Deadline for manuscript submissions

closed (31 January 2025)



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/213472

*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).