

Special Issue

Endothelial Regulation of Cardiac Development, Homeostasis, and Pathology

Message from the Guest Editors

Endothelial cells are a major component of the developing and adult heart. Besides its classical role as a transport system, the cardiac endothelium (vascular and endocardial) has gained increasing attention in recent years as a key regulator of cardiac morphogenesis, pathogenesis, repair, and regeneration. For this Special Issue of the *Journal of Cardiovascular Development and Disease* (JCDD), we welcome contributions focused on the crosstalk between the cardiac endothelium and the different cardiac components including (but not limited to) the epicardium, fibroblasts, nerves, immune cells, cardiomyocytes, the valve mesenchyme, and the extracellular matrix.

Guest Editors

Dr. Rubén Marín-Juez

CHU Sainte Justine Research Center, Montreal, QC H3T 1C5, Canada

Dr. Gonzalo del Monte-Nieto

Australian Regenerative Medicine Institute, Monash University, Clayton, VIC 3800, Australia

Deadline for manuscript submissions

closed (31 January 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/86060

*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 24.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).