

Special Issue

Cardiomyopathy at the Sub-Cellular Level

Message from the Guest Editor

This Special Issue of *JCDD* is focused on “Cardiomyopathy at the Sub-Cellular Level”, encompassing the molecular mechanisms of pathological remodeling within cardiomyocytes that lead to mechanical and electrical perturbation of the heart. Cellular regulatory hubs that have received substantial historical attention include altered gene expression at the transcriptional level and posttranslational modification of proteins. More recently, processes previously thought of as ‘constitutive’ such as post-transcriptional regulation at the point of protein translation and trafficking of de novo proteins within cardiomyocytes have been uncovered as highly dynamic and subject to pathological changes in diseased hearts. As our understanding grows, a clearer picture of the ‘healthy’ versus ‘diseased’ cardiomyocyte is emerging which, while complex, is unveiling new avenues for therapeutic intervention.

Guest Editor

Dr. James Smyth
Virginia Tech Carilion Research Institute, Roanoke, VA 24016, USA

Deadline for manuscript submissions

closed (31 March 2021)



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/16992

*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).