

Special Issue

10th Anniversary of *JCDD*—'Cardiac Development and Regeneration' Section — from Development to Regeneration

Message from the Guest Editors

We are celebrating the 10th anniversary of the of *JCDD* with a Special Issue focusing on the advances in cardiac regeneration, including relevant discoveries in heart development during the last 10 years. In the last 10 years, major advances have been made in understanding heart development and in identifying potential therapeutic strategies to treat heart diseases. Examples include the identification of pdgfrb+ cells regulating coronary vessel development and revascularization during heart regeneration, the establishment of cardiac organoids, 3D bioprinting of a four-chambered heart, understanding the nuclear MTOC in cardiomyocytes, modRNA-based heart therapies, and utilizing the Hippo pathway for heart regeneration based on cardiomyocyte proliferation. The purpose of this Special Issue is to review and comment on these and similar advances and to present novel related findings.

Guest Editors

Prof. Dr. Felix B. Engel

Department Nephropathology, Institute of Pathology, Friedrich-Alexander-Universität Erlangen-Nürnberg, D-97054 Erlangen, Germany

Dr. Ching-Ling (Ellen) Lien

Department of Biochemistry & Molecular Medicine, Keck School of Medicine, University of Southern California, Los Angeles, CA 90033, USA

Deadline for manuscript submissions

closed (15 December 2024)



**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/173496

*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).