

## Special Issue

# Cardiovascular Magnetic Resonance in Cardiology Practice: 2nd Edition

### Message from the Guest Editor

Cardiovascular magnetic resonance (CMR) imaging is a versatile and non-invasive imaging modality that plays an increasingly important role in routine cardiology practice. Recently, new technologies—including T1 mapping, 4D flow, diffusion-weighted and diffusion tensor imaging (DWI/DTI), and chemical exchange saturation transfer (CEST)—have further expanded the role of CMR in the diagnosis, risk stratification, functional assessment, and management of cardiovascular diseases. The aim of this Special Issue is to collect original clinical and basic research in CMR. Original research articles, reviews, and case reports are welcome. Research areas may include (but are not limited to) the following:

- CMR in assessing cardiac function and structure;
- CMR in clinical cardiovascular diseases, such as ischemic heart disease, nonischemic cardiomyopathies, and heart failure;
- Cardiac magnetic resonance imaging perfusion;
- 4D flow CMR.

We warmly invite scholars and experts in related fields to contribute to this issue.

---

### Guest Editor

Prof. Dr. Sebastian Kelle

Cardiovascular MRI, Department of Internal Medicine and Cardiology,  
German Heart Center Berlin, Charité University Medicine Berlin, 13353  
Berlin, Germany

---

### Deadline for manuscript submissions

31 December 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/230205](https://mdpi.com/si/230205)

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