

## Special Issue

# Advances in Cardiovascular Imaging—Computed Tomography (CT) Focus Issue

### Message from the Guest Editor

Cardiovascular diseases are a major global health concern, with imaging technologies playing a crucial role in their diagnosis and treatment. This Special Issue welcomes original articles addressing novel research in the field of cardiovascular imaging—with a focus on computed tomography (CT), advancing diagnosis, or addressing advances in technology (e.g., photon counting CT). MRI, 18FDG-PET or multimodality imaging studies may also be considered. This Special Issue aims to cover a wide range of topics:

- Coronary artery disease, atherosclerosis, plaque imaging, CV risk prediction by novel imaging biomarkers (e.g., pericardial fat, high-risk plaque), artificial intelligence, cardiovascular inflammation;
- Structural heart disease with a focus on advances in planning novel minimal invasive cardiovascular interventions (aortic, mitral, tricuspidal, and other devices);
- Valvular heart disease, prosthetic valves and other cardiac devices;
- Congenital heart disease, myocardial disease, and infarction.

Further, except for original research, we also encourage the submission of state-of-the-art reviews, case reports and short communications related to the topics listed above.

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### Guest Editor

Prof. Dr. Gudrun Feuchtnner

Department of Radiology, Medizinische Universität Innsbruck, Innsbruck, Austria

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### Deadline for manuscript submissions

31 December 2025



## Journal of Cardiovascular Development and Disease

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Impact Factor 2.3  
CiteScore 3.7  
Indexed in PubMed



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Development and Disease*  
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## 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

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### Editor-in-Chief

Prof. Dr. Thomas Brand  
National Heart & Lung Institute, Imperial College London, South  
Kensington Campus, London SW7 2AZ, UK

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### 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).