

## Special Issue

# Effect of Lipids and Lipoproteins on Atherosclerosis

### Message from the Guest Editors

Atherosclerosis, a leading cause of cardiovascular disease worldwide, is profoundly influenced by the levels and types of lipids and lipoproteins in the bloodstream. This Special Issue focuses on the pivotal role that lipids and lipoproteins play in the development, progression, and potential reversal of atherosclerosis. It will explore the molecular mechanisms by which different lipid species and lipoprotein particles contribute to plaque formation and instability, as well as the impact of lipid-lowering therapies on cardiovascular outcomes. Topics of interest include the roles of low-density lipoproteins (LDL), high-density lipoproteins (HDL), triglycerides, and emerging lipid biomarkers in atherosclerosis, as well as the latest insights into lipid metabolism and its genetic regulation. We invite researchers to submit original research articles and reviews that deepen our understanding of the relationship between lipids, lipoproteins, and atherosclerosis, with the ultimate goal of improving prevention and treatment strategies for cardiovascular disease.

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### Guest Editors

Prof. Dr. Maciej Banach  
Dr. Joanna Lewek  
Dr. Bożena Sosnowska

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### Deadline for manuscript submissions

closed (31 May 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 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).