

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.

Guest Editors

Prof. Dr. Maciej Banach

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Deadline for manuscript submissions

closed (31 May 2025)



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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

Editor-in-Chief

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