

Special Issue

Novel Insights into Coronary Artery Disease

Message from the Guest Editors

Diabetes mellitus (DM) is a major risk factor for coronary artery disease (CAD), which remains the leading cause of death in the DM population. Mechanistic research and noninvasive diagnostic tools have shed light on novel key players implicated in CAD development, and intracoronary imaging and functional studies provided insights on the coronary atherosclerotic plaque phenotype and coronary microvascular function in the diabetic population. New evidence has delineated an intricate biological link between DM and CAD, suggesting that there is a large heterogeneity in the risk of CAD, and distinct putative diabetic phenotypes, which differ for clinical, angiographic and prognostic features, have been hypothesized. This Special Issue aims to address the current advancements in the association between DM and CAD, from pathophysiology to diagnosis and therapy, focusing on the role of novel emerging technologies in highlighting DM heterogeneity, guiding the management of patients and potentially paving the way towards a future personalized therapy of this population. This Special Issue welcomes both original research papers and review articles.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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