

Special Issue

Novel Biomarkers in Cardiovascular Disease: From Bench to Bedside

Message from the Guest Editors

Biomarkers such as troponins (myocardial ischemia) and NT-proBNP (myocardial wall stress), interleukin-6 or procalcitonin in inflammatory diseases have shown great potential, though, they just cover aspects of the pathophysiological process. Research on novel biomarkers is important for a better understanding of multiple cellular pathways that are involved in these disease conditions. For example, when heart disease is accompanied by other pathophysiological entities such as arrhythmia, renal failure, diabetes, pulmonary hypertension, or COPD, risk assessment could become even more complicated. Further research on biomarkers could help identify those patients at higher risk, plan individualized treatments, and improve secondary prevention strategies. This Special Issue is dedicated to all original research articles and reviews, exploring novel biomarkers in cardiovascular diseases, focus on therapeutic targets, pathological effects and signaling pathways. Purely clinical investigations are not suitable but clinical submissions with at least some component of molecular studies are quite welcome.

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