

Special Issue

Molecular Diagnostics in Cardiovascular Diseases: From Biomarkers to Individualized Medicine

Message from the Guest Editors

Cardiovascular diseases (CVDs) remain a leading cause of global morbidity and mortality, while rapid advances in molecular diagnostics are driving the development of individualized medicine. This Special Issue of *Diagnostics*, entitled "Molecular Diagnostics in Cardiovascular Diseases: From Biomarkers to Individualized Medicine," explores how emerging molecular technologies—including genomics, transcriptomics, proteomics, and metabolomics—can enhance early diagnosis, risk stratification, and personalized treatment strategies for CVDs. We invite scholars to submit original research articles, reviews, and perspectives covering biomarker discovery and validation, clinical applications of molecular diagnostics, and tailored therapeutic approaches based on patient-specific profiles. By integrating multi-omics data and artificial intelligence-driven analyses, this Special Issue aims to advance the frontiers of precision medicine in cardiovascular care.

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