

Special Issue

Genomics in Cardiac Diagnostics: Bridging Novel Insights to Clinical Practice

Message from the Guest Editor

Cardiovascular disease (CVD) refers to a vast spectrum of pathogenic conditions that involve the heart and vessels, including congenital heart disease, cardiomyopathy, rheumatic heart disease, coronary heart disease, cardiac arrhythmia, arterial hypertension, heart failure, and stroke. CVD remains the leading cause of death globally, accounting for one third of global deaths. Consequently, it places a tremendous burden on human healthcare systems. Because CVD is caused by both genetic and environmental pathogenic factors, a comprehensive understanding of its causes and mechanisms could improve early diagnosis and personalized treatment. This Special Issue will focus on genetics/genomics in CVD, aiming to bring novel insights into clinical practice. We strongly encourage research articles focusing on newly identified genetic causes, pathogeneses, molecular diagnostics, and medical management strategies in patients with CVD. We hope this Special Issue will provide novel insights into molecular diagnosis and precision medicine in CVD. Authors can submit original research articles, reviews, case reports, and guidelines covering any aspect of this topic.

Guest Editor

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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