

Special Issue

Molecular Diagnosis and Medical Management of Cardiovascular Diseases

Message from the Guest Editor

Cardiovascular disease (CVD) refers to a wide variety of pathogenic conditions that affect the heart and vessels, including congenital heart disease, coronary heart disease, rheumatic heart disease, cardiomyopathy, cardiac arrhythmias, essential hypertension, heart failure, and stroke. CHD remains the number one cause of death worldwide, accounting for one third of global deaths and, consequently, a tremendous burden for human healthcare systems. It is caused by both genetic and environmental risk factors; therefore, a comprehensive understanding of the etiologies and mechanisms behind CVD could improve early diagnosis and personalized treatment in CVD. This Special Issue will focus on etiologies, pathogenesis, and diagnostic, therapeutic, and preventive modalities in CVD. Research articles focusing on newly discovered molecular causes, pathogeneses, diagnostics, and medical management strategies in patients with CVD are strongly encouraged. I hope that this Special Issue will provide novel insights into diagnosis, prophylaxis, and treatment 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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