



The Challenges and Prospects in Cardiology

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Message from the Guest Editor

Cardiovascular diseases pose a significant socioeconomic burden to the societies across the world. The mechanisms of several complex cardiovascular diseases are not completely understood and their treatments are far from satisfactory, thus providing great challenges to cardiologists. Emerging novel research methods and new diagnostic and therapeutic approaches play pivotal roles in overcoming these challenges.

This Special Issue will focus on studies that identify and provide solutions to the challenges in cardiovascular diseases.

Papers with cutting-edge researches that provide novel disease mechanisms, and diagnostic and therapeutic implications are welcomed. This means a wide scope of research topics, and includes heart failure, atherosclerosis, coronary artery disease, myocardial infarction and coronary intervention, arrhythmia, electrophysiology and catheter ablation, interventions for structural heart diseases, cardiovascular surgery, aortic disease, peripheral artery disease, pulmonary arterial hypertension, novel biomarkers, genomics, transcriptomics, proteomics, gut microbiome, stem cells, artificial intelligence, bioengineering, and many more.





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Message from the Editor-in-Chief

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