



Cardiomyopathy and Precision Medicine 2nd Edition

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Message from the Guest Editor

The diagnosis of the most common forms of cardiomyopathies, have long been based on morphology and function by non-invasive diagnostic modalities. In addition, despite extensive studies on biophysical, cellular, and animal models, the current approaches to the management of patients with cardiomyopathies remain largely unchanged.

Recent advances in genetics, proteomics, metabolomics, and microbiomics have broadened our understanding of the molecular and cellular pathophysiology of cardiovascular diseases including cardiomyopathies, which can potentially lead to more precise risk prediction and the discovery of optimal treatment strategies for individual patients. Novel approaches, such as artificial intelligence and machine learning to medical big data from various sources including clinical registries, electronic health records, biomarkers, medical images, and all spectrum of 'omics' data, have huge potential for empowering personalized medicine for cardiomyopathy patients.

This Special Issue aims to the current knowledge and future perspectives in the potential analytic approaches leading to personalized medicine for cardiomyopathies.





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Message from the Editor-in-Chief

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