

Special Issue

Research Progress on the Mechanism and Treatment of Cardiomyopathy: Second Edition

Message from the Guest Editor

Heart failure is a growing public health problem worldwide that is usually attributable to alterations in cardiac muscle function due to cardiomyopathic processes. Cardiomyopathies have diverse origins, being inherited via gene dysfunction or acquired due to various systemic disorders that manifest in heart dysfunction. Consequently, the pathogenic and molecular mechanisms that promote cardiomyopathic dysfunction are diverse and extensive. Myocardial ischemia resulting from atherosclerotic disease is by far the most frequent cause of myocardial dysfunction, but metabolic, infectious, and inflammatory disorders are also known to result in cardiomyopathy. Strategies to treat cardiomyopathies range from treating the underlying causes to identifying general strategies for improving systolic and diastolic function. Understanding the mechanisms behind and treatments for various cardiomyopathies will provide wide-ranging insights into the mechanisms of cardiovascular homeostasis and provide opportunities for novel and improved therapeutic targeting.

Guest Editor

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