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Improvement of Cardiac Function in Heart Failure

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Message from the Guest Editor

Dear Colleagues,

Heart Failure is a complex syndrome with multiple causes and is responsible for high morbidity and mortality worldwide, especially in the elderly. The prognosis of heart failure patients remains poor, despite recent advances in the management of heart failure. Therefore, there is a need for new treatment strategies improving the clinical outcomes, such as therapies targeting cellular mechanisms of heart failure including inflammatory processes, oxidative stress, as well as abnormalities in perfusion, molecular mechanisms, electrical conduction, autoimmunity and ventricular remodeling.

This special issue discusses not only the pathophysiology of heart failure but also biomarker and therapy development to improve cardiac function in heart failure.

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