

Special Issue

New Pathophysiological Pathways and the Role and Relevance of Novel Diagnosis and Treatment Tools Targeting the Sympathetic Nervous System in Patients with Heart Failure

Message from the Guest Editor

Cardiovascular diseases have been considered the most predominant cause of death and one of the most critical public health hitches worldwide. In the past two decades, cardiovascular mortality has declined in high-income countries owing to preventive measures, which have resulted in the reduced burden of coronary artery disease and heart failure. Currently, therapies to avoid arrhythmic consequences of heart failure are antiarrhythmic drugs, endocardial catheter ablation, and the use of implantable electronic cardiac devices. Novel treatment options targeting new pathways have emerged for subjects with heart failure, such as sacubitril/valsartan through the inhibition of the angiotensin receptor and neprilysin, reducing sudden cardiac death events ~20%, as well as a catheter-based renal denervation approach. We envisage submissions on new pathophysiological pathways, and the role and relevance of novel diagnosing and treatment tools targeting the sympathetic nervous system, aiming to manage patients with heart failure and its associated consequences.

Guest Editor

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