

## Special Issue

# Heart Failure Mechanisms and Treatment Advances

### Message from the Guest Editor

Heart failure is a complex growing global health problem with a high mortality rate and significant morbidity. Basic and transitional research in this field has provided valuable insights into the molecular, cellular, and physiological changes that occur in cardiomyopathy and heart failure. However, further research is needed to unravel the intricate mechanisms involved and identify novel therapeutic targets that can improve outcomes for patients with heart failure. This Special Issue seeks to address the underlying mechanisms behind the development and progression of various cardiomyopathies and heart failure, shedding light on novel therapeutic approaches to improve patient outcomes. This issue calls for original research articles from researchers in the field of cardiology and related disciplines. Contributions may cover a wide range of topics, including but not limited to the pathophysiology of heart failure, cellular and molecular mechanisms involved, genetic and epigenetic factors, biomarkers for early detection and prognosis, novel imaging techniques for assessing cardiac function, and emerging treatment strategies.

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### Guest Editor

Dr. Rabea Asleh

Hadassah University Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel

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### Deadline for manuscript submissions

closed (31 October 2024)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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