

Special Issue on  
**Heart Failure and Multiorgan Interaction**

# CALL FOR PAPERS

Heart failure is a worldwide health problem of ever increasing proportions. Heart failure continues to be associated with poor outcomes, including high readmission rates and in-hospital mortality, even in patients with the best available treatments.

Heart failure has long been recognized from a cardiocentric syndrome perspective, where myocardial contractility was the only focus, and hemodynamic disturbances due to heart failure could lead to end-organ hypoperfusion and organ dysfunction (e.g., cardiorenal syndrome). However, the pathophysiologic concept of heart failure has changed dramatically over the last decade with an increased understanding of the heart as an endocrine organ, leading to multiorgan neurohormonal response and an activation of systemic inflammation. Despite the steep increase in publications regarding heart and other organ interactions, the underlying pathophysiologic mechanisms remain unknown. Even better understanding of the pathophysiology of heart failure is unquestionably needed to develop more specific and effective therapies.

In this special issue, we are welcoming submissions of original research articles and review articles to open up new way to raise the awareness, understanding, evidence-based diagnosis, and treatment of heart failure and multiorgan/system interactions.

Potential topics include but are not limited to the following:

- ▶ Cardiorenal syndrome, hyponatremia, and diuretic resistance
- ▶ Heart and brain interaction and autonomic modulation in heart failure
- ▶ Endocrine dysfunction and biomarkers in heart failure
- ▶ Gut microbiota and heart failure
- ▶ Heart and lung interaction
- ▶ Skeletal muscle dysfunction in heart failure

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/bmri/cardiology/hfmoi/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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**Submission Deadline**

Friday, 30 March 2018

**Publication Date**

August 2018