

Special Issue

Understanding and Targeting Biological Mechanisms of Heart Failure (2nd Edition)

Message from the Guest Editors

An estimated 64.3 million people are living with heart failure worldwide. In developed countries, the prevalence of known heart failure is generally estimated at 1% to 2% of the general adult population. Because of a growing and aging population, the total number of heart failure patients continues to rise. In recent years, the striking development of molecular and cellular biology, especially genetics, stem cell biology and developmental biology, are transforming the way we understand and treat heart failure. In this Special Issue, we invite cardiologists, geneticists and cell and developmental biologists to submit research on the triggers, phenomena and mechanisms associated with heart failure. The topics of interest include, but are not limited to, genetics, genome editing, stem cells, drug development, chemically modified RNA, and next-generation DNA and RNA sequencing. Our aim is for this Special Issue to provide new insights into the understanding of the factors driving heart failure.

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