

Special Issue

Decoding Heart Failure: From Mechanisms to Treatment

Message from the Guest Editors

Heart Failure is a major global public health problem. However, major issues regarding this devastating syndrome remain unresolved. The main purposes of this Issue of *Cells* are as follows:

- Synthesis and dissemination of cutting-edge research on the molecular, cellular, and genetic mechanisms underlying cardiac dysfunction in Heart Failure.
- Highlighting the dual role of fibrosis in Heart Failure as a major pathological process and a salient therapeutic target.
- Promoting the view that the current classification of Heart Failure, as well as treatment guidance based on the results of randomized controlled trials, are incompatible with precision medicine.
- Emphasizing the pressing necessity to accurately determine the risk of adverse events (e.g., sudden cardiac death, pump failure, hospitalization, etc.) to guide device treatment or heart transplantation.

Our effort is grounded in the imperative to move beyond the current understanding and therapeutic approach of Heart Failure. We firmly believe this will profoundly benefit healthcare providers by moving them away from a one-size-fits-all approach toward precision medicine in Heart Failure.

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).