

## Special Issue

# Cell-Based Therapy of Cardiovascular Diseases

### Message from the Guest Editors

Despite advances in medicine, cardiovascular diseases (CVDs) are still the leading cause of death worldwide. The development of stem cell biology has enabled cell-based therapy as a promising approach to promote the repair of injured tissue and replenish new and functional cells.

In this Special Issue, we invite cardiologists and cell and developmental biologists to submit research on the strategies to boost and improve our understanding of the mechanism of cell-based therapy for the treatment of cardiovascular diseases. Topics include but are not limited to pluripotent stem cells, multipotent stem cells, and progenitor cells and their derivatives, including nanovesicles and exosomes, novel cellular delivery approaches and monitoring modality, preclinical studies, etc. We hope this Special Issue will provide new insights into understanding the key factors promoting cell-based therapy efficacy, attesting new cellular or molecular interventions, and promoting novel cellular therapeutic strategies for the treatment of cardiovascular diseases.

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### Guest Editors

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### Deadline for manuscript submissions

closed (1 December 2022)



## Cells

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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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### Editors-in-Chief

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#### Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

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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).