

Special Issue

Research Advances Related to Cardiovascular System

Message from the Guest Editors

Cardiovascular diseases (CVDs) are the leading cause of global mortality and present huge unmet medical demands worldwide. Here, we aim to establish a Special Issue to provide cutting-edge insights into cardiovascular system biology and CVDs pathogenesis by publishing high-quality research articles, reviews, commentary, editorials, and short communications related to various aspects of cardiovascular biology, physiology, and pathology. The topics include but are not limited to the following:

- GPCR signaling transduction and regulation in cardiovascular systems
- Calcium Regulation
- Cardiovascular remodeling: inflammation and fibrosis
- Cell-cell communication in cardiovascular systems
- Heart failure
- Atherosclerosis
- Hypertension

This Special Issue aims to advance the current knowledge of all genetic, epigenetic, molecular, and signal regulation on cardiovascular biology, physiology, and pathological remodeling and highlights the potential therapeutic targets and strategies for managing CVDs. Studies in all the above-related fields are invited to contribute to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2023)



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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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Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

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

Rapid Publication:

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).