

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

Dr. Ying Wang
Dr. Haocheng Lu
Prof. Dr. Yi Zhun Zhu

Deadline for manuscript submissions

closed (15 October 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/139681

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)





Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)



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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / 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 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).