

## Special Issue

# Pathophysiology of Signal Transduction in Cardiovascular and Pulmonary Disease

### Message from the Guest Editors

Cardiovascular disease and pulmonary disease are complicated. There are a series of molecules and complex intracellular mechanisms in the cells of the heart and blood vessel walls that cause cells to respond inappropriately to external stimulation. Cells involved in the defective regulation respond to changes in their local environment through the activation of molecules. The defects in these mechanisms can lead to cardiovascular disease and pulmonary disease. The study of signal transduction pathways in the cardiopulmonary system is important because it can provide more drug targets and methods for the treatment of cardiovascular disease and pulmonary disease by elucidating the pathophysiology of signal transduction and the coordinated responses of multiple signaling pathways. This Special Issue focuses on multiple aspects of the signal transduction of cells in the cardiopulmonary system, especially in cardiac arrhythmia and pulmonary hypertension, and will accept original studies, reviews, and technical reports in the field of the pathophysiology of signal transduction in cardiovascular and pulmonary disease. For further information, please visit the Special Issue [website](#).

### Guest Editors

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### Deadline for manuscript submissions

closed (15 February 2023)



## 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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).