

## Special Issue

# Stem Cell Research on Cardiology: Series 2

### Message from the Guest Editor

Cardiovascular diseases are the leading cause of death in developed countries with very limited therapeutic options. A major cause lies in the very restricted regenerative capacity of terminally differentiated cardiomyocytes post injury – therefore novel approaches toward cardiac regenerative therapy is highly desired. Following injury of the myocardium, resident cardiac fibroblasts, representing over 50% of the cells in the heart, start to proliferate and produce an extracellular matrix, which will ultimately lead to fibrosis and heart failure. A large number of preclinical and clinical trials have shown stem cell therapy to be a promising therapeutic approach for the treatment of cardiovascular diseases. The current Special Issue will accept original studies, reviews, and technical reports in the field of cardiovascular stem cell biology and reprogramming, written by scientists active in the field.

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### Guest Editor

Prof. Dr. Robert David

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### Deadline for manuscript submissions

closed (1 December 2021)



## 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 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).