



*cells*



an Open Access Journal by MDPI

## Review Papers in (Re)programming Cells for Cardiac Repair

Guest Editors:

### **Prof. Dr. Yigang Wang**

College of Medicine, University of Cincinnati, Cincinnati, OH, USA

### **Dr. Yuliang Feng**

Botnar Research Centre, Nuffield Department of Orthopaedics, University of Oxford, Rheumatology and Musculoskeletal Sciences Old Road, Headington, Oxford OX3 7LD, UK

Deadline for manuscript submissions:

**closed (15 June 2024)**

### **Message from the Guest Editors**

Dear Colleagues,

Cardiac disease is the leading cause of death worldwide due to the failure of the adult human heart to replenish the considerable loss of cardiomyocytes caused by various insults (e.g., ischemia). Regenerative medicine is an innovative approach to repair and replace damaged heart cells and is undergoing a major revolution due to the unprecedented need for therapeutics to treat cardiac patients around the world.

This Special Issue aims to publish high-quality review articles that provide novel insights and conceptual advancements in the field of cardiac (re)programming for cardiac repair, in particular in terms of the signaling pathways and transcriptional/epigenetic regulation for cardiac lineage commitment. We kindly encourage all research groups covering relevant areas within the issue's scope to contribute up-to-date, full-length comprehensive reviews, highlighting the latest developments in their research field, or to invite relevant experts and colleagues to do so.

### **Keywords**

- cardiac programming
- cardiogenesis
- transcriptional regulation
- epigenetics
- cardiac tissue engineering



[mdpi.com/si/130236](https://mdpi.com/si/130236)

**Special Issue**



*cells*



an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. Dr. Alexander E. Kalyuzhny**

Neuroscience, UMN Twin Cities,  
6-145 Jackson Hall, 321 Church St  
SE, Minneapolis, MN 55455, USA

### **Prof. Dr. Cord Brakebusch**

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

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**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)

## Contact Us

---

*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/cells](http://mdpi.com/journal/cells)  
[cells@mdpi.com](mailto:cells@mdpi.com)  
[X@Cells\\_MDPI](#)