

## Special Issue

# Adult Stem Cells and Exosomes for Regenerative Therapy

### Message from the Guest Editor

Stem cells are a rare population of undifferentiated cells present in every organ and can be activated to proliferate and differentiate into the required type of cells upon the loss of cells or injury to the tissue. Stem cell therapy, including induced pluripotent stem cells, has been identified as effective therapy to regenerate injured tissues. Innovative preclinical and clinical studies on stem cell therapies have created exciting possibilities for repairing injuries in various organs and improving quality of life. Recent advances in biomedical research have revealed that not the stem cells, but the paracrine factors secreted in the form of small vesicles, called exosomes, by the stem cells are playing a major role in regenerative medicine. In this Special Issue, we will focus on how stem cells and their nanosize secretory vesicles have been utilized for the regenerative therapy.

### Guest Editor

Prof. Dr. Johnson Rajasingh

1. Department of Bioscience Research, The University of Tennessee Health Science Center, Memphis, TN, USA
2. Department of Medicine, The University of Tennessee Health Science Center, Memphis, TN, USA
3. Department of Microbiology, Immunology and Biochemistry, The University of Tennessee Health Science Center, Memphis, TN, USA

### Deadline for manuscript submissions

closed (15 June 2021)



## Cells

an Open Access Journal  
by MDPI

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/49710](https://mdpi.com/si/49710)

*Cells*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cells@mdpi.com](mailto:cells@mdpi.com)

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