

## Topical Collection

# Research on Adipose Stem Cells

### Message from the Collection Editor

Stem cell therapies have shown potential benefits in a variety of human diseases. Adipose tissue is a rich source of cells with regenerative potential. Adipose-tissue-derived cell products, including the stromal vascular fraction (SVF) and stromal/stem cells (ASC), possess the capacity for homing, immunomodulation, promotion of repair, and direct regeneration of damaged tissues, which make them promising therapeutic interventions for numerous diseases. ASCs also produce soluble factors and extracellular vesicles (exosomes and microvesicles) that have been demonstrated to have therapeutic effects. This Topical Collection focused on Adipose Stem Cells seeks original research and review articles with a focus on:

- Biological characterization of cell populations with regeneration potential isolated from adipose tissue: SVF and ASCs;
- Biological characterization and therapeutic application of microvesicles produced by ASCs;
- Studies on mechanisms of action of cells and microvesicles;
- Therapeutic applications in pre-clinical models and clinical trials.

---

### Collection Editor

Prof. Dr. Bruce A. Bunnell

Health Science Center, University of North Texas, Fort Worth, TX, USA

---



## Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/56007](https://mdpi.com/si/56007)

*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/  
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).