

## Special Issue

# Extracellular Vesicles: Potential Roles in Regenerative Medicine

### Message from the Guest Editor

Extracellular vesicles (EVs) are secreted by most cells and exert their effects by fusion to the target cells and transferring their cargo, which may include bioactive molecules. EVs are modulators of ECM turnover, angiogenesis, immune responses, stem cell survival, proliferation, and differentiation and have important roles in pathological conditions, such as cancer, inflammation, cardiovascular diseases, diabetes, as well as in wound healing. Since EVs can deliver to specific target cell their contents that can also be modified by design and influence, the behavior of recipient cells suggests the potential of EVs as therapeutic delivery vehicles. Mesenchymal stem cell derived exosomes have protective activities in myocardial infarction, stroke, brain injury, and potential in enhancing cutaneous and corneal wound healing. Thus, EVs have a great potential for treatment of a variety of diseases due to their high stability and low immunogenicity. They can be loaded easily with drugs, miRNAs, or proteins of interest and then injected systemically or locally into the target tissues. For further information, please visit the Special Issue [website](#).

### Guest Editor

Dr. Mehrnoosh Saghizadeh Ghiam

Cedars-Sinai Medical Center, Biomedical Sciences, Los Angeles, CA 90048, USA

### Deadline for manuscript submissions

closed (31 July 2023)



## Cells

an Open Access Journal  
by MDPI

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/102699](https://mdpi.com/si/102699)

*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).