

Special Issue

The Role of Adipose-Derived Stem Cells in Neural Regeneration

Message from the Guest Editors

Peripheral nerve surgery has experienced significant advancements in recent decades thanks to progress in peripheral nerve transfers and the refinement of microsurgical techniques. However, surgical options are still primarily centered on restoring nerve continuity.

There is mounting evidence indicating substantial potential for the next phase to encompass the targeted manipulation of nerve regeneration by impacting cellular or hormonal microenvironments. Hence, this Special Issue focuses on fundamental aspects that could foster positive outcomes in nerve regeneration. Manuscripts exploring the analysis and modulation of cellular nerve regeneration via innovative methods in cell cultures, as well as the precise application of growth factors, exosomes, and stem cells, are encouraged to be submitted.

Guest Editors

Prof. Dr. Silvan Maximilian Klein

Prof. Dr. Alexandra M. Anker

Dr. Oliver Heinrich Felthaus

Deadline for manuscript submissions

closed (28 February 2025)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/199845

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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, CAPlus / 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 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).