

## Special Issue

# Brain Injury: Traumatic and Non-Traumatic Pathophysiology, Translational Approaches and Novel Treatment Strategies

### Message from the Guest Editors

The purpose of this Special Issue is to highlight recent advances in the understanding of traumatic and non-traumatic brain injury, with a focus on underlying cellular and inter-cellular mechanisms, pathophysiological processes of secondary or delayed brain injury, and emerging translational treatment strategies. The goal of this Issue is to provide a comprehensive overview encompassing original research and review articles that explore the cellular, molecular, and clinical systemic responses to brain injuries. Submissions addressing innovative therapeutic interventions, neuroprotective approaches, and translational research aimed at improving clinical outcomes are particularly encouraged. We hope to bring together a variety of perspectives that contribute to a deeper understanding of acquired brain injury, paving the way for more effective diagnostic and therapeutic options.

---

### Guest Editors

Prof. Dr. Thomas Kapapa

Prof. Dr. Hayrettin Tumani

Dr. Andreas Pfnür

---

### Deadline for manuscript submissions

15 March 2026



## Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/245241](https://mdpi.com/si/245241)

*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, 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 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).