

Special Issue

Gliomas: Molecular Insights, Next-Generation Therapies, and Precision Targeting

Message from the Guest Editor

Gliomas are among the most challenging brain tumors seen in adults, with glioblastoma standing out as the most aggressive form. Despite years of clinical progress in surgery, radiation, and chemotherapy, outcomes for patients remain disappointing, largely due to recurrence and treatment resistance. However, a wave of molecular discoveries is reshaping how we understand and treat these tumors. Advances in genomics, epigenetics, and tumor biology are providing new insights into glioma development and progression, paving the way for more precise and effective targeted therapies. This Special Issue welcomes innovative original research articles and reviews that explore the molecular drivers of gliomas, as well as next-generation treatments. Topics of interest include, but are not limited to, tumor microenvironment modulation, immunotherapy, gene editing, and targeted drug delivery. We particularly encourage submissions that bridge basic molecular research with translational applications. By bringing together diverse perspectives across disciplines, this Issue aims to provide updated ideas and help move the field toward smarter, more effective care for glioma patients

Guest Editor

Dr. Mehdi Sanati

Department of Orthopedics, University Medical Center Utrecht, Utrecht, The Netherlands

Deadline for manuscript submissions

20 January 2026



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/247750

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, 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).