



*cells*



an Open Access Journal by MDPI

## Immune Microenvironment of Gliomas

Guest Editors:

**Prof. Bozena Kaminska**

Laboratory of Molecular Neurobiology, Nencki Institute of Experimental Biology of the Polish Academy of Sciences, 02-093 Warsaw, Poland

**Prof. Cristina Limatola**

1. Department of Physiology and Pharmacology "Vittorio Erspamer", Sapienza University of Rome, Piazzale Aldo Moro 5, 00185 Rome, Italy  
2. IRCCS Neuromed, Via Atinense 18, 86077 Pozzilli, Italy

Deadline for manuscript submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

Malignant gliomas are rapidly progressing, incurable tumors of the central nervous system (CNS). Numerous studies of human and experimental rodent gliomas have revealed considerable heterogeneity in the tumor microenvironment, which is composed of reactive astrocytes, endothelial cells, and numerous immune cells. Infiltrating immune cells mostly consist of glioma-associated microglia and macrophages (GAMs), myeloid-derived suppressor cells (MDSCs), granulocytes, and T lymphocytes. The complexity of cell-to-cell interactions in the glioma microenvironment is far from well understood. In this Special Issue, we will summarize and present new findings related to the heterogeneity and complexity of interactions between tumor and immune components in the glioma microenvironment.



[mdpi.com/si/67223](https://mdpi.com/si/67223)

**Special** Issue



*cells*



an Open Access Journal by MDPI

## Editors-in-Chief

**Prof. Dr. Alexander E. Kalyuzhny**

Neuroscience, UMN Twin Cities,  
6-145 Jackson Hall, 321 Church St  
SE, Minneapolis, MN 55455, USA

**Prof. Dr. Cord Brakebusch**

Biotech Research & Innovation  
Centre, The University of  
Copenhagen, Copenhagen,  
Denmark

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**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)

## Contact Us

---

*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/cells](http://mdpi.com/journal/cells)  
[cells@mdpi.com](mailto:cells@mdpi.com)  
[X@Cells\\_MDPI](#)