Special Issue

Molecular Biology in Glioblastoma Multiforme Treatment

Message from the Guest Editor

Glioblastoma multiforme (GBM, glioblastoma) therapy remains an unmet medical need. Glioblastoma is characterized by aggressive, chemo-resistant, and relapse-prone behavior, all of which are mainly attributed to its remarkable intra-tumor molecular heterogeneity, which makes it difficult to eradicate, even by means of targeted therapies, which are typically able to eliminate only a percentage of cancer cells, thus increasing the chance of relapse and drug resistance. For these reasons, it is crucial to explore in depth the bio-molecular features of this disease, turning our attention towards those common traits that could involve the majority of the glioblastoma cell population, such as energy metabolism requirements, signal transduction pathways, the stability of the mitotic apparatus, immunological features, and, finally, neurotransmitter-mediated interplay between glioblastoma cells and neurons/astrocytes.

- glioblastoma
- signal transduction
- energy metabolism
- tumor immune microenvironment
- neurotransmitters

Guest Editor

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Deadline for manuscript submissions

closed (10 November 2021)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/56088

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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.

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