

Special Issue

Molecular Insights into Glioblastoma Pathogenesis: Focus on Progenitor Cells, Microglia and Noncoding RNA

Message from the Guest Editor

Glioblastoma (GBM) tumors are highly heterogeneous, containing various cell types within a single tumor. The tumor microenvironment (TME) includes diverse elements like endothelial cells, immune cells, signaling molecules, and extracellular matrix components, which support cancer cell survival and impact treatment response. GBM cells communicate through cytokines, chemokines, exosomes, and more, interacting with both tumor and normal cells. Recent RNA sequencing advances reveal that GBM cells share transcriptional patterns with neural progenitor cells and other cell types, providing new insights. This Special Issue invites reviews and research on GBM tumor initiation and the TME's role in its progression.

Guest Editor

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