

Special Issue

Molecular Research Progress on Glioblastoma

Message from the Guest Editor

Glioblastoma multiforme (GBM) is the most frequent and aggressive form of primary CNS tumor in humans. GBM remains a high-grade unmet medical need, since recurrence normally occurs within 12–14 months from the standard-of-care therapy, which is currently based on surgery associated with radiotherapy (\pm chemotherapy). Once GBM progression occurs, therapeutic options are very poor. In this frustrating scenario, basic research is engaged in a big effort to find out molecular and cellular mechanisms that might translate into druggable targets and novel therapeutic options. Special focus should be given to studies on the interaction between tumor cells and the immune system, since the CNS is characterized by a peculiar larger contribution from the cells of the innate immune system. Basic and translational research contributions are welcome, presenting data on molecular mechanisms of pathology and on preclinical evidence of efficacy for novel pharmacological tools. Further, reviews and meta-analyses providing critical overviews on these topics are also of interest.

Guest Editor

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