



Molecular Studies of Glioblastoma

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Message from the Guest Editors

Glioblastoma is one of the most aggressive tumors and the deadliest among brain tumors, with a 5-year survival rate of only 4.6 percent. Although people are doing their best to unravel the complexity of this tumor, efforts still fall short of expectations. Therefore, in-depth study of the potential molecular mechanism of glioblastoma, looking for new treatment targets, and improving the survival rate of patients is still a top priority. This includes, but is not limited to, the signal transduction pathways, energy metabolic requirements, genetic and epigenetic characteristics of glioblastoma formation and development, the interactions between glioma cells and their microenvironments (immune cells, blood vessels or neurons/gliocytes), and the signaling mechanisms involved in these interactions.

This Special Issue will focus on reviews, comments and research papers on the molecular mechanisms of glioblastoma. It is necessary to have more in-depth insight into the molecular changes in glioblastoma, and these findings are likely to provide useful information for the design of treatments to improve the survival rate of patients.





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Message from the Editor-in-Chief

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