Short Communication

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Journal of Biological and Medical Sciences

2022
Vol 6. No. 2

Animal Model for Glioma: A Brief Overview

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Abstract

Glioblastoma remains the most aggressive malignancies of the brain with dismal prognosis. Typically, it is pathologically characterized by nuclear polymorphism, cellular atypia, necrosis and aggravated angiogenesis. Recently, the 2016 WHO classification, has however given impact on profiling of molecular markers as IDH, EGFR for better prognostic assessment. Animal model are needed to recapitulate the pathology of naturally growing tumors to develop and update the therapeutic regime. Present review provides a glimpse of molecular pathology of glial tumors and the existing animal models being used for glioma research.

Received: January 20, 2022; **Accepted:** January 20, 2022; **Published:** January 31, 2022

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