

Targeted therapy for pediatric low-grade glioma

Targeted therapy in low-grade glioma

Collectively, [pediatric low-grade gliomas](#) account for most brain tumors reported in children. Surgery is typically curable for operable lesions. However, more effective therapies are required for inaccessible tumors, both to overcome refractory disease and to minimize the toxicity associated with conventional adjuvant chemotherapy and radiotherapy regimens. Recent years have witnessed rapid improvements in our understanding of the molecular pathogenesis of several childhood tumors, including [low-grade gliomas](#). As a result, several novel compounds targeting and inhibiting critical components of molecular [signaling pathways](#) purported to be overactive in the disease have been developed. The article of Kilday et al. summarizes the most recent [literature](#) evaluating such novel targeted agents in childhood [low-grade gliomas](#) ¹⁾.

¹⁾

Kilday JP, Bartels UK, Bouffet E. [Targeted therapy](#) in pediatric low-grade glioma. Curr Neurol Neurosci Rep. 2014 Apr;14(4):441. doi: 10.1007/s11910-014-0441-0. PMID: 24604059.

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