

Glioblastoma antigen

B7-H3 ([CD276](#)), [carbonic anhydrase 9](#), [GD2 ganglioside](#)

Zhang et al. presented recent preclinical and clinical studies targeting well-characterized [glioblastoma antigens](#), which include the [IL13RA2](#) and the [epidermal growth factor receptor](#). Afterward, they turn their attention to alternative [targets](#) in [glioblastoma](#), including less-explored antigens such as B7-H3 ([CD276](#)), [carbonic anhydrase 9](#), and the [GD2 ganglioside](#). They also discuss additional [target ligands](#), namely [CD70](#), and [NKG2D](#). Finally, they present the possibilities afforded by novel [CAR](#) architectures. In particular, they examine the use of armored [CARs](#) to improve the survival and proliferation of [CAR T cells](#). They conclude by discussing the advantages of tandem and [synNotch](#) CARs when targeting multiple [glioblastoma antigens](#) ¹⁾.

¹⁾

Zhang J, Siller-Farfán JA. Current and future perspectives of [chimeric antigen receptors](#) against [glioblastoma](#). Immunother Adv. 2022 Jun 1;2(1):ltac014. doi: 10.1093/immadv/ltac014. PMID: 36284838; PMCID: PMC9585667.

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