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EGFRBi-Armed Autologous T Cells

National Cancer Institute

Source

National Cancer Institute. *EGFRBi-Armed Autologous T Cells*. NCI Thesaurus. Code C71536.

Autologous activated T cells, loaded with a bispecific antibody produced by heteroconjugation of anti-CD3 and anti-epidermal growth factor receptor (EGFR) monoclonal antibodies, with potential antineoplastic activity. Binding of EGFRBi-armed autologous activated T cells to EGFR-positive tumor cells may result in increased T cell-mediated cytotoxicity towards tumor cells expressing EGFR. Arming activated T cells with this bispecific antibody may significantly increase T cell secretion of anti-tumor associated cytokines such as IL2, RANTES, IFN-gamma, and TNF-alpha.