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TCR-specific, alpha Fetoprotein-enhanced Autologous T Lymphocytes

National Cancer Institute

Source

National Cancer Institute. *TCR-specific, alpha Fetoprotein-enhanced Autologous T Lymphocytes*. NCI Thesaurus. Code C136982.

A preparation of human autologous T-lymphocytes transduced with a viral vector encoding for a T-cell receptor (TCR) specific for human alpha-fetoprotein (AFP), with potential antineoplastic activity. Following administration, the TCR-specific, alpha fetoprotein-enhanced autologous T-lymphocytes recognize and bind to AFP antigen-positive cells, which results in lysis and killing of AFP-positive cancer cells. AFP is overexpressed in a variety of cancers.