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Autologous TCR-engineered T-cells IMA201

National Cancer Institute

Source

National Cancer Institute. *Autologous TCR-engineered T-cells IMA201*. NCI Thesaurus. Code C146779.

A preparation of autologous T-lymphocytes that are genetically modified with a lentiviral vector encoding a T-cell receptor (TCR) specific for an as of yet not identified tumor-associated antigen (TAA), with potential antineoplastic activity. Upon intravenous administration back into the patient, the autologous TCR-engineered T-cells IMA201 specifically recognize and bind to the TAA on cancer cells, which induces a cytotoxic T-lymphocyte (CTL)-mediated immune response against the TAA-positive cancer cells.