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Autologous GPC3/NY-ESO-1/AFP specific CD8-positive T-lymphocytes

National Cancer Institute

Source

National Cancer Institute. *Autologous GPC3/NY-ESO-1/AFP specific CD8-positive T-lymphocytes*. NCI Thesaurus. Code C150676.

A preparation of autologous CD8-positive T-lymphocytes that are exposed, ex vivo, to multiple specific hepatocellular carcinoma (HCC) antigens, including glypican (GPC)-3, New York esophageal squamous cell carcinoma-1 (NY-ESO-1) and alpha-fetoprotein (AFP), with potential immunostimulating and antineoplastic activities. Upon infusion of the GPC3/NY-ESO-1/AFP-specific CD8-positive T lymphocytes, the T-cells specifically target and lyse cells expressing the targeted HCC neoantigens.