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Anti-gp100 TCR Retroviral Vector-Transduced Autologous PBL

National Cancer Institute

Source

National Cancer Institute. *Anti-gp100 TCR Retroviral Vector-Transduced Autologous PBL*. NCI Thesaurus. Code C38136.

Human peripheral blood lymphocytes (PBL) isolated from a melanoma patient and were engineered to react with the melanoma antigen glycoprotein 100 (gp100). These PBL are transduced with a retroviral pGCsam vector encoding T-cell receptors specific for gp100, grown in culture, and then transferred back to the patient. These genetically modified PBL may recognize and halt the growth of gp100-expressing melanoma cells.