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Sipuleucel-T

National Cancer Institute

Source

National Cancer Institute. *Sipuleucel-T*. NCI Thesaurus. Code C1985.

A cell-based vaccine composed of autologous antigen-presenting peripheral blood mononuclear cells (enriched for a dendritic cell fraction) that have been exposed to a recombinant protein consisting of granulocyte-macrophage colony-stimulating factor (GM-CSF) fused to prostatic-acid phosphatase (PAP), a protein expressed by prostate cancer cells. Upon administration, the vaccine may stimulate an antitumor T-cell response against tumor cells expressing PAP. (NCI05)