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Alpha-fetoprotein Peptide-Pulsed Autologous Dendritic Cell Vaccine

National Cancer Institute

Source

National Cancer Institute. *Alpha-fetoprotein Peptide-Pulsed Autologous Dendritic Cell Vaccine*. NCI Thesaurus. Code C91378.

A cell-based cancer vaccine comprised of autologous dendritic cells pulsed with four alpha-fetoprotein (AFP) peptides, with potential immunostimulatory and antineoplastic activities. Upon administration, AFP peptide-pulsed autologous dendritic cell vaccine may stimulate anti-tumoral cytotoxic T lymphocyte (CTL) and antibody responses against AFP-expressing cancer cells, resulting in tumor cell lysis. AFP is overexpressed in a variety of cancer cells.