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Autologous Dendritic Cell/Myeloma Fusion Vaccine

National Cancer Institute

Source

National Cancer Institute. *Autologous Dendritic Cell/Myeloma Fusion Vaccine*. NCI Thesaurus. Code C158480.

A therapeutic cancer vaccine consisting of autologous dendritic cells (DCs) fused with patient-derived plasma cell (multiple) myeloma cells with potential immunostimulatory and antineoplastic activities. Upon administration, autologous DC/multiple myeloma fusions stimulate both helper and cytotoxic T-lymphocyte (CTL) responses through the presentation of internalized and newly synthesized tumor associated antigens (TAAs). This may promote cellular and humoral antitumor immune responses in patients with plasma cell myeloma.