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Autologous Ovarian Tumor Cell Lysate-Pulsed Dendritic Cell Vaccine

National Cancer Institute

Source

National Cancer Institute. *Autologous Ovarian Tumor Cell Lysate-Pulsed Dendritic Cell Vaccine*. NCI Thesaurus. Code C95759.

A cell-based cancer vaccine composed of autologous, irradiated dendritic cells (DCs) pulsed with ovarian tumor cell lysate containing tumor associated antigens (TAAs) with potential immunostimulatory and antineoplastic activities. Upon administration, autologous ovarian tumor cell lysate-pulsed dendritic cell vaccine may stimulate an anti-tumoral cytotoxic T-lymphocyte (CTL) response against ovarian tumor cells expressing the patients ovarian tumor cell-specific TAAs, which may result in ovarian tumor cell lysis.