

[Open Peer Review on Qeios](#)

Autologous Dendritic Cell-Tumor Fusion Vaccine

National Cancer Institute

Source

National Cancer Institute. *Autologous Dendritic Cell-Tumor Fusion Vaccine*. NCI Thesaurus. Code C74016.

A therapeutic cancer vaccine consisting of autologous dendritic cells (DCs) fused with autologous tumor cells with potential immunostimulatory and antineoplastic activities. Autologous dendritic cell-tumor fusion vaccine is generated in vitro by mixing DCs and irradiated tumor cells harvested from individual patients and treating them with polyethylene glycol (PEG) to produce DC-tumor cell fusion hybrid cells. Upon administration, autologous dendritic cell-tumor fusion vaccine may elicit antitumor humoral and cellular immune responses.