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Autologous Renal Cell Carcinoma Tumor Lysate-Pulsed Dendritic Cell Vaccine

National Cancer Institute

Source

National Cancer Institute. *Autologous Renal Cell Carcinoma Tumor Lysate-Pulsed Dendritic Cell Vaccine*. NCI Thesaurus. Code C85479.

A cell-based cancer vaccine composed of autologous dendritic cells (DCs) pulsed with renal cell carcinoma (RCC) tumor cell lysate containing tumor associated antigens (TAAs) with potential immunostimulatory and antineoplastic activities. Upon administration, autologous renal cell carcinoma tumor lysate-dendritic cell vaccine may stimulate anti-tumoral cytotoxic T-lymphocyte (CTL) and antibody responses against RCC tumor cells expressing RCC TAAs, resulting in RCC tumor cell lysis.