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Oncolytic Adenovirus CAdVEC

National Cancer Institute

Source

National Cancer Institute. *Oncolytic Adenovirus CAdVEC*. NCI Thesaurus. Code C158743.

A genetically modified oncolytic viral strain of human adenovirus (Ad) with potential immunostimulating and antineoplastic activities. Upon intratumoral administration, the oncolytic adenovirus CAdVEC selectively infects and replicates in tumor cells, leading to tumor cell lysis. Additionally, CAdVEC has been genetically modified to express currently undisclosed immunomodulatory molecules that may enhance the anti-tumor effects of endogenous T-lymphocytes as well as adoptively transferred chimeric antigen receptor (CAR) T-cells.