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Partially HLA-matched AdV/CMV/EBV-specific Allogeneic T-Lymphocytes

National Cancer Institute

Source

National Cancer Institute. *Partially HLA-matched AdV/CMV/EBV-specific Allogeneic T-Lymphocytes*. NCI Thesaurus. Code C156256.

Partially or closely human leukocyte antigen (HLA)-matched allogeneic cytotoxic T-lymphocytes (CTLs), derived from cell lines, specifically reactive to the three human viruses adenovirus (AdV), cytomegalovirus (CMV) and Epstein-Barr virus (EBV), with potential antiviral activity. Upon infusion of the partially HLA-matched AdV/CMV/EBV-specific allogeneic T-lymphocytes in immunocompromised patients or upon allogeneic hematopoietic stem cell transplantation (HSCT) in an immunodeficient recipient, these CTLs may kill AdV, CMV, and/or EBV-infected cells, and may prevent or reduce the severity of viral infections by these pathogens.