Treatment With An Oncolytic Virus And An Immunostimulant For In Vivo Enhancement Of Immune System Recognition Of Neoplasms

ABSTRACT

This invention provides novel methods of treating or alleviating neoplasms in a mammal and enhancing the efficacy of oncolytic viruses by using a combination of an oncolytic virus and an immunostimulant, comprising administering a reovirus to a host and enhancing an immune response by the addition of an immunostimulant such as a CpG oligodeoxynucleotide or at least one antigen of said virus that is delivered to a host by dendritic cells.