

Title (en)

METHODS FOR INDUCTION OF TOLERANCE TO ADENOVIRAL VECTORS AND TRANSGENE PRODUCTS

Title (de)

METHODEN ZUR INDUKTION VON TOLERANZ GEGENÜBER ADENOVIRALEN VEKTOREN UND TRANSGENEN PRODUKTEN

Title (fr)

METHODES D'INDUCTION DE TOLERANCE A DES VECTEURS ADENOVIRAUX ET A DES PRODUITS TRANSGENIQUES

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Application

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Abstract (en)

[origin: WO0073477A1] The invention relates to a method for inducing tolerance to an adenoviral vector and/or transgene product in a host, thereby allowing persistent transgene expression in the host and allowing repeated vector administration to the host while minimizing or eliminating the host immune response. The method comprises pretreating a host by administering to the host adenoviral vector-infected antigen presenting cells wherein said adenoviral vector comprises heterologous nucleic acids encoding an immunomodulatory molecule and a transgene and wherein said adenoviral vector-infected antigen presenting cells migrate to lymphoid organs and/or lymph nodes and induce tolerance. The method further provides for subsequent administration to the host of an adenoviral vector comprising a heterologous nucleic acid encoding said transgene wherein the host immune response is reduced or eliminated to said adenoviral vector and said transgene even upon repeated administration of said adenoviral vector.

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