

Title (en)  
IMMUNOCONJUGATES COMPRISING POXVIRUS-DERIVED PEPTIDES AND ANTIBODIES AGAINST ANTIGEN-PRESENTING CELLS FOR SUBUNIT-BASED POXVIRUS VACCINES

Title (de)  
IMMUNKONJUGATE MIT AUS DEM POXVIRUS ABGELEITETEN PEPTIDEN UND ANTIKÖRPERN GEGEN ZELLEN MIT ANTIGENEN FÜR UNTEREINHEITSBASIERTE POXVIRUS-IMPFSTOFFE

Title (fr)  
IMMUNOCONJUGUÉS COMPRENANT DES PEPTIDES ISSUS DE POXVIRUS ET DES ANTICORPS DIRIGÉS CONTRE DES CELLULES PRÉSENTATRICES D'UN ANTIGÈNE POUR DES VACCINS CONTRE LES POXVIRUS À BASE DE SOUS-UNITÉ

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Application  
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Abstract (en)  
[origin: WO2011056721A2] The present invention concerns methods and compositions for subunit-based vaccines for inducing immunity against poxvirus infections, such as smallpox. Preferred embodiments concern immunoconjugates comprising one or more subunit antigenic peptides attached to an antibody or fragment thereof that targets antigen-producing cells (APCs). More preferably, the antibody binds to HLA-DR and the antigenic peptide is from an immunomodulating factor, such as the viral IL-18 binding protein (vIL18BP). However, mixtures of antigenic peptides from different viral proteins may also be used. The vaccine is capable of inducing immunity against poxvirus without risk of disseminated infection in immunocompromised hosts or transmission to susceptible contacts.

IPC 8 full level  
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