



 **Current Issue**

 **Browse Issues**

 **Search**



 **About this Journal**

 **Instruction to Authors**

 **Online Submission**

 **Subscription**

 **Contact Us**



 **RSS Feed**

Acta Medica Iranica

2009;47(4) : 71-76

Vaccination of Tamarin with Recombinant Vaccinia Virus Expressing Epstein Barr Virus (EBV) Latent Proteins

Mahmood Mahmoodian Shooshtari, Suzan Finerty, rew John Morgan

Abstract:

The aim of this work was to see whether tamarin immunisation with recombinant vaccinia virus expressing Epstein Barr Virus latent proteins could prime T cells which were, on activation, able to inhibit the outgrowth of Epstein Barr virus transformed cells in vitro. The vaccination appeared to be successful as all vaccinated tamarins developed vaccinia lesions. However, the vaccination protocol did not elicit a cell-mediated response capable of inhibiting the outgrowth of autologous Lymphoblastoid Cell Lines (LCLs) as seen in the tamarin infected with whole EBV, even though the recombinant vaccinia viruses used expressed the antigens commonly recognised by sero positive humans.

Keywords:

[Cytotoxic T cell response](#) . [Cottontop tamarin](#) . [Lymphoblastoid cell lines \(LCLs\)](#)

TUMS ID: 2820

Full Text HTML  Full Text PDF  34 KB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions