

Title (en)  
ENHANCEMENT OF IMMUNITY BY INTRANASAL INOCULATION OF IL-12

Title (de)  
STEIGERUNG DER IMMUNITÄT DURCH INTRANASALE VERABREICHUNG VON IL-12

Title (fr)  
RENFORCEMENT DE L'IMMUNITE PAR INOCULATION INTRA-NASALE D'IL-12

Publication  
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Application  
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Abstract (en)  
[origin: WO9944635A1] The present invention relates to a method of enhancing an immune response to a pathogen in a host using intranasal administration of interleukin-12 (IL-12). In one embodiment, the present invention relates to a method of inducing an immune response to a pathogen in a host, which comprises administering intranasally to the host an effective amount of IL-12 and an antigen of the pathogen. In another embodiment, the present invention relates to a method of enhancing an immune response to a pathogen in a host, which comprises administering intranasally to the host an effective amount of IL-12 and an antigen of the pathogen. In a particular embodiment, the present invention relates to a method of inducing an immune response to a mucosal pathogen in a host, which comprises administering intranasally to the host an effective amount of IL-12 and an antigen of the pathogen. Also encompassed by the present invention is a method of inducing a Th1-like immune response to a pathogen in a host, comprising administering intranasally to the host an effective amount of IL-12 and an antigen of the pathogen. The present invention also relates to a method of enhancing a mucosal immune response to a pathogen in a host, which comprises administering intranasally to the host an effective amount of IL-12 and an antigen of the pathogen.

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