

Title (en)

IMMUNOGENIC COMPOSITIONS CONTAINING ANTIGENS, GENE VECTORS AND ADJUVANTS-LOADED BIODEGRADABLE MICROSPHERES

Title (de)

IMMUNOGENE ZUSAMMENSETZUNGEN MIT ANTIGENEN, GENVEKTOREN UND MIT ADJUVANTIEN BELADENEN BIOLOGISCH ABBAUBAREN MIKROKÜGELCHEN

Title (fr)

COMPOSITIONS IMMUNOGENES CONTENANT DES ANTIGENES, DES VECTEURS GENIQUES ET DES MICROSPHERES BIODEGRADABLES CHARGEES D'ADJUVANTS

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Application

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Abstract (en)

[origin: WO03007869A2] The present invention relates to compositions which are able to stimulate an immune response in a host inoculated with an antigen of interest or the gene vector that codifies it. This composition includes microspheres based on copolymers derived from lactic acid glycolic acid encapsulating antigens, gene vectors and/or adjuvants with immunostimulatory properties obtained from mycobacterial fractions. The materialization of the present invention is the use of trehalose dimycolate associated to a heat shock protein or to the plasmid containing the gene that codifies it, encapsulated in microspheres with size smaller than 10 μ m, capable of inducing specific antibodies and cellular immune responses, as well as the secretion of cytokines implicated in the protection against infectious diseases and cancer, following administration of a single dose or several doses.

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