

Title (en)

COMPOSITIONS AND METHODS FOR GENE-BASED VACCINES TO PROVOKE T CELL RESPONSES

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN FÜR AUF GENEN BASIERENDE VAKZINE ZUM HERVORRUFEN VON T-Zell ANTWORTEN

Title (fr)

COMPOSITIONS ET METHODES POUR PROVOQUER UNE REPONSE DES CELLULES T PAR DES VACCINS A BASE DE GENES

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Application

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Abstract (en)

[origin: WO9947641A1] This invention provides a polynucleotide encoding an antigen that is processed and presented with an MHC Class I molecule on an antigen-presenting cell (APC) and an antigen that is processed and presented with an MHC Class II molecule on the APC. Compositions containing these polynucleotides are further provided by this invention. Methods of increasing presentation of a peptide on the surface of an APC, and APCs produced by the methods, are further provided. Also provided are diagnostic and immunomodulatory methods using polynucleotides, APCs, and immune effector cells of the invention.

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