

Title (en)
VACCINE AGAINST CANCEROUS DISEASES WHICH IS BASED ON MIMOTOPES OF ANTIGENS EXPRESSED ON TUMOR CELLS

Title (de)
VAKZINE GEGEN KREBSERKRANKUNGEN DIE SICH STÜTZT AUF MIMOTOPE VON AUF TUMORZELLEN EXPRIMIERTEN ANTIGENEN

Title (fr)
VACCIN CONTRE DES MALADIES CANCEREUSES, A BASE DE MIMOTOPES D'ANTIGENES EXPRIMES SUR DES CELLULES TUMORALES

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Abstract (en)
[origin: WO0178766A1] The invention relates to a method for producing a vaccine against cancerous diseases and to the vaccine itself. The invention provides that, firstly while using one or more antibodies, which are specifically active against one or more antigens specially expressed by the tumor cells, one or more mimotopes of these antigens is/are selected from a phage-peptide library. In order to obtain the vaccine, these mimotopes, in the form of monomers, dimers, trimers or oligomers, are conjugated once or repeatedly with a macromolecular support. The inventively produced vaccines, when administered, lead to a humoral immune response and thus lead to the emergence of an active immunity following the vaccination.

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