

Title (en)  
PHARMACEUTICAL COMPOSITION FOR TREATING AND PREVENTING HUMAN TUMORS, WHICH EXPRESS THE TUMOR ANTIGEN MUCIN AND/OR THE CARCINOEMBRYONIC ANTIGEN (CEA), AND THE USE THEREOF

Title (de)  
PHARMAZEUTISCHE ZUSAMMENSETZUNG ZUR BEHANDLUNG UND PROPHYLAXE VON HUMANEN TUMOREN, DIE DAS TUMORANTIGEN MUZIN UND/ODER DAS CARCINOEMBRYONALE ANTIGEN (CEA) EXPRIMIEREN UND IHRE VERWENDUNG

Title (fr)  
COMPOSITION PHARMACEUTIQUE POUR ASSURER LE TRAITEMENT ET LA PROPHYLAXIE DE TUMEURS CHEZ L'HOMME, QUI EXPRIMENT L'ANTIGENE TUMORAL MUCINE ET/OU L'ANTIGENE CARCINO-EMBRYONNAIRE ET SON UTILISATION

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Application  
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Abstract (en)  
[origin: WO0124832A2] The invention relates to a pharmaceutical composition for treating and preventing human tumors, which express the tumor antigen mucin and/or the carcinoembryonic antigen (CEA), and to the use thereof as a vaccine in humans for activating the immune system. According to the invention, a pharmaceutical composition is provided comprising a plasmid ( naked DNA ) which contains, as a therapeutic gene, the human mucin gene MUC1, active fragments thereof or at least 3 repeats of amino acid sequence SEQ No. 1, and/or comprising another plasmid ( naked DNA ) which contains, as a therapeutic gene, the gene for the human carcinoembryonic antigen (CEA) SEQ No. 2.  
[origin: WO0124832A2] According to the invention, a pharmaceutical composition is provided comprising a plasmid ( naked DNA ) which contains, as a therapeutic gene, the human mucin gene MUC1, active fragments thereof or at least 3 repeats of amino acid sequence SEQ No. 1, and/or comprising another plasmid ( naked DNA ) which contains, as a therapeutic gene, the gene for the human carcinoembryonic antigen (CEA) SEQ No. 2. The pharmaceutical composition is preferably provided as a vaccine and the plasmids having the respective therapeutic gene are applied either individually or together according to the respective tumor.

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