

Title (en)
INDUCING CELLULAR IMMUNE RESPONSES TO MAGE2/3 USING PEPTIDE AND NUCLEIC ACID COMPOSITIONS

Title (de)
INDUZIERUNG VON ZELLULÄRER IMMUNANTWORT AUF MAGE2/3 MIT HILFE VON PEPTID- UND NUKLEINSÄUREZUBEREITUNGEN

Title (fr)
DECLENCHEMENT DE REPONSES IMMUNITAIRES CELLULAIRES A MAGE2/3 AU MOYEN DE COMPOSITIONS DE PEPTIDES ET D'ACIDES NUCLEIQUES

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Application
EP 00984183 A 20001211

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Abstract (en)
[origin: WO0142267A1] The invention uses our knowledge of the mechanisms by which antigen is recognized by T cells to identify and prepare MAGE2/3 epitopes, and to develop epitope-based vaccines directed towards MAGE2/3-bearing tumors. More specifically, this application communicates our discovery of pharmaceutical compositions and methods of use in the prevention and treatment of cancer.

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Citation (search report)
• [X] WO 9945954 A1 19990916 - EPIMMUNE INC [US]
• [X] WO 9713858 A2 19970417 - CHIRON CORP [US], et al
• [X] WO 9522317 A1 19950824 - CYTEL CORP [US]
• [AD] US 5662907 A 19970902 - KUBO RALPH T [US], et al
• [A] DEL GUERCIO M-F ET AL: "Potent immunogenic short linear peptide constructs composed of B cell epitopes and Pan DR T Helper Epitopes (PADRE) for antibody responses in vivo", VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 15, no. 4, March 1997 (1997-03-01), pages 441 - 448, XP004094438, ISSN: 0264-410X
• [A] ALTMAN J ET AL: "Phenotypic analysis of antigen-specific T lymphocytes", SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 274, no. 5284, 4 October 1996 (1996-10-04), pages 94 - 96, XP002135711, ISSN: 0036-8075
• See references of WO 0142267A1

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