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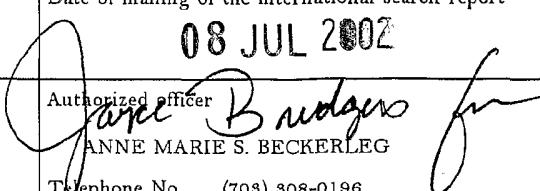
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(54) Title: THE USE OF IMMATURE DENDRITIC CELLS TO SILENCE ANTIGEN SPECIFIC CD8+T CELL FUNCTION

(57) Abstract: This invention provides methods for silencing a pre-existing immune response in a mammal, as for example, in the setting of autoimmune diseases. The method comprises administering to a mammal immature dendritic cells which have been contacted *in vitro* with an antigen, or to target the antigen to immature dendritic cells *in vivo*, in order to silence and/or suppress a pre-existing CD8+T cell immune response and induce IL-10 producing CD8+T cells in said mammal. This invention further relates to methods for propagating immature dendritic cells, for maintaining immaturity by modification *ex vivo*, and uses thereof, including generation of regulatory T cells for passive immunotherapy. The present invention also relates to compositions and kits comprising immature dendritic cells and antigens.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) :A61K 48/00; C12N 5/02, 5/06 US CL :424/93.2, 93.21; 435/325, 326 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 424/93.2, 93.21; 435/325, 326 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Extra Sheet.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y Y Y	LEE W.C. et al. Contrasting effects of myeloid dendritic cells transduced with an adenoviral vector encoding interleukin-10 on organ allograft and tumor rejection. Immunology. October 2000, Vol. 101, No. 2, pages 233-241, see entire document. US 5,871,728 A (THOMSON et al.) 16 February 1999, see entire document. US 5,648,219 A (MACKAY et al.) 15 July 1997, see entire document.	1-2, 12, 14-23, 26 ----- 3-11, 13, 24-25, and 27-28 1-28 1-28
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

DIALOG-Medline, Embase, Cancerlit, Scisearch, Biosis; BRS-EAST-EPO, JPO, Derwint, USPATFULL
search terms: immature dendritic, antigen, autoantigen, insulin, GAD, GADD, PLP, MBP, achr, IL-10, tolerance,
suppression