Title (en)

TREATMENT OF ANTIGEN PRESENTING CELLS TO MODULATE ANTIGEN PRESENTING CELL FUNCTION

Title (de)

BEHANDLUNG VON ANTIGEN-PRÄSENTIERENDEN ZELLEN ZUR ÄNDERUNG IHRER FUNKTION

Title (fr)

TRAITEMENT DE CELLULES PRESENTANT L'ANTIGENE POUR MODULER LA FONCTION DE CELLULES PRESENTANT L'ANTIGENE

Publication

EP 0889954 A1 19990113 (EN)

Application

EP 97939745 A 19970902

Priority

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Abstract (en)

[origin: WO9810056A1] Provided herein is the discovery of a novel mechanism by which the ability of antigen presenting cells to stimulate T-cell function is inhibited by the formation of immunosuppresive complexes comprising the antigen presenting cell membrane-associated beta glycan and cytokine TGF- beta . Also provided are methods for restoring T-cell stimulatory function of antigen presenting cells of an individual, having such function suppressed by beta glycan-TGF- beta complex formation, by either removing TGF- beta from the cell surface of the antigen presenting cells, removing beta -glycan or beta glycan complexed to TGF- beta from the cell surface of the antigen presenting cells, or by contacting the antigen presenting cells with one or more antigen presenting cell activating factors which overcome the suppression of the T-cell stimulatory function of antigen presenting cells.

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