

Title (en)

METHODS OF PREPARATION AND COMPOSITION OF PEPTIDE CONSTRUCTS USEFUL FOR TREATMENT OF AUTOIMMUNE AND TRANSPLANT RELATED HOST VERSUS GRAFT CONDITIONS

Title (de)

PRÄPARATIONSMETHODEN UND VERBINDUNGEN VON PEPTIDKONSTRUKTIONEN DIE SICH ZUR BEHANDLUNG VON AUTOIMMUN-BZW. TRANSPLANTATIONSBEDINGTEN "HOST VERSUS GRAFT" PATHOGENESEN EIGNEN

Title (fr)

METHODES DE PREPARATION ET COMPOSITION DE CONSTRUCTIONS PEPTIDIQUES UTILES DANS LE TRAITEMENT D'ETATS AUTO-IMMUNES ET DE GREFFES LIEES A LA REACTION DU GREFFON CONTRE L'HOTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0136448A2] Peptide constructs including a first peptide segment which includes an amino acid sequence associated with autoimmune disease, asthma, allergy or xeno- or allograft transplantation rejections bonded directly or via a linker or spacer to a second peptide which binds to T cells and which will redirect the immune response from a harmful Th1 response to a less harmful Th2 response, or which will bind to T cells to initiate, but not complete, an immune response causing the T cells to which the first peptide binds, to undergo anergy and apoptosis, are useful in treating autoimmune conditions. For instance, the peptide construct NGQEEKAGVVSTGLIGGGDSAFDVLSTAEKAGVYK (SEQ ID NO:14) wherein Th2 stimulating Peptide G (SEQ ID NO:15) is covalently linked, via spacer GGG, to cardiac myosin molecule My1 (SEQ ID NO:16), can be used for treatment or prevention of myocarditis.

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