

Title (en)  
METHODS AND COMPOSITIONS TO GENERATE AND CONTROL THE EFFECTOR PROFILE OF T CELLS BY SIMULTANEOUS LOADING AND ACTIVATION OF SELECTED SUBSETS OF ANTIGEN PRESENTING CELLS

Title (de)  
VERFAHREN UND ZUSAMMENSETZUNGEN ZUR ERSTELLUNG UND STEUERUNG DES EFFEKTORPROFILS VON T-ZELLEN DURCH GLEICHZEITIGES BELADEN UND AKTIVIEREN AUSGEWÄHLTER UNTERGRUPPEN VON ANTIGEN-PRÄSENTIERENDEN ZELLEN

Title (fr)  
MÉTHODES ET COMPOSITIONS POUR PRODUIRE ET CONTRÔLER LE PROFIL EFFECTEUR DE LYMPHOCYTES T PAR CHARGEMENT ET ACTIVATION SIMULTANÉS DE SOUS-ENSEMBLES SÉLECTIONNÉS DE CELLULES PRÉSENTATRICES D'ANTIGÈNE

Publication  
**EP 1937300 A4 20090812 (EN)**

Application  
**EP 06801942 A 20060817**

Priority  
• US 2006032512 W 20060817  
• US 70898005 P 20050817

Abstract (en)  
[origin: WO2007022477A2] The present invention is directed to novel compositions and methods and their use in treating an autoimmune disorder or achieving tolerance to an antigen. More specifically, the present invention is directed to human immunoglobulin constructs for loading a delivered T cell epitope on to the surface of an antigen presenting cell for achieving tolerance to that delivered T cell epitope. The present invention may be applied to any T cell epitope mediated autoimmune disorder.

IPC 8 full level  
**A61K 39/00** (2006.01)

CPC (source: EP US)  
**A61K 39/0008** (2013.01 - EP); **A61K 39/001111** (2018.07 - US); **A61K 39/4615** (2023.05 - EP); **A61K 39/4622** (2023.05 - EP); **A61K 39/464838** (2023.05 - EP); **C07K 16/00** (2013.01 - EP); **A61K 2039/6056** (2013.01 - EP); **A61K 2239/31** (2023.05 - EP); **A61K 2239/38** (2023.05 - EP); **C07K 2318/10** (2013.01 - EP)

Citation (search report)

- [X] WO 9836087 A1 19980820 - AMERICAN NAT RED CROSS [US]
- [A] WO 2004027049 A2 20040401 - ASTRAL INC [US], et al
- [X] BELL JAMES J ET AL: "Asymmetric restoration of T cell tolerance revealed by an "in trans" EAE model", FASEB JOURNAL, vol. 18, no. 4-5, 2004, & FASEB MEETING ON EXPERIMENTAL BIOLOGY: TRANSLATING THE GENOME; WASHINGTON, DISTRICT OF COLUMBIA, USA; APRIL 17-21, 2004, pages Abst. 563.7 URL - <http://www.XP009119304>, ISSN: 0892-6638
- [X] LEGGE K L ET AL: "Multi-modal antigen specific therapy for autoimmunity", INTERNATIONAL REVIEWS OF IMMUNOLOGY, HARWOOD ACADEMIC PUBLISHERS, LONDON, GB, vol. 20, 1 January 2001 (2001-01-01), pages 593 - 611, XP002970594, ISSN: 0883-0185
- [Y] ZAMBIDIS E T ET AL: "EPI TOPE-SPECIFIC TOLERANCE INDUCTION WITH AN ENGINEERED IMMUNOGLOBULIN", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC., US, vol. 93, 1 May 1996 (1996-05-01), pages 5019 - 5024, XP002911069, ISSN: 0027-8424
- [Y] MELO MARCO E F ET AL: "Gene transfer of Ig-fusion proteins into B cells prevents and treats autoimmune diseases.", JOURNAL OF IMMUNOLOGY, vol. 168, no. 9, 1 May 2002 (2002-05-01), pages 4788 - 4795, XP002535132, ISSN: 0022-1767
- [DY] ZAGHOUBANI HABIB ET AL: "Contrasting efficacy of presentation by major histocompatibility complex class I and class II products when peptides are administered within a common protein carrier, self immunoglobulin", EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 23, no. 11, 1993, pages 2746 - 2750, XP009119271, ISSN: 0014-2980
- [PX] PHILLIPS WILLIAM J ET AL: "Recombinant immunoglobulin-based epitope delivery: A novel class of autoimmune regulators", INTERNATIONAL REVIEWS OF IMMUNOLOGY, vol. 24, no. 5-6, September 2005 (2005-09-01), pages 501 - 517, XP009119306, ISSN: 0883-0185
- See references of WO 2007022477A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007022477 A2 20070222; WO 2007022477 A3 20070830; EP 1937300 A2 20080702; EP 1937300 A4 20090812**

DOCDB simple family (application)  
**US 2006032512 W 20060817; EP 06801942 A 20060817**