

Title (en)

METHOD FOR MAKING UNIVERSAL DONOR CELLS.

Publication

**EP 0626852 A4 19960320 (EN)**

Application

**EP 93904719 A 19930129**

Priority

- US 9300797 W 19930129
- US 83042792 A 19920131
- US 94486892 A 19920914

Abstract (en)

[origin: WO9314769A1] Transplantation antigen-depleted cells and methods for making such cells from a target cell are provided. The transplantation antigen-depleted cell is made by exposing a target cell to an oligonucleotide capable of binding to a transplantation antigen nucleotide sequence. The oligonucleotide is capable of binding to the nucleotide sequence according to Watson-Crick or triplex binding rules. Preferred transplantation antigens are the MHC class I or II antigens. Oligonucleotides useful in practicing this method are also provided.

IPC 1-7

**A61K 31/70; C07H 15/12; C12N 15/00**

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 31/70** (2006.01); **A61K 48/00** (2006.01); **A61P 37/00** (2006.01); **C07H 21/04** (2006.01); **C12N 5/10** (2006.01);  
**C12N 15/113** (2010.01)

CPC (source: EP)

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**C12N 2310/321** (2013.01); **C12N 2310/3535** (2013.01)

Citation (search report)

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- [E] WO 9405333 A1 19940317 - ISIS PHARMACEUTICALS INC [US]
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- [XY] GIACOMINI, P. ET AL.: "BLOCK OF TRANSLATION OF HUMAN HLA-DR-ALPHA MESSENGER RNA BY AN ANTISENSE OLIGODEOXYNUCLEOTIDE.", SEVENTH MEETING OF THE ITALIAN ASSOCIATION FOR CELL BIOLOGY AND DIFFERENTIATION, SPOLETO, ITALY, OCTOBER 16-19, 1988. EUR J CELL BIOL SUPPL 47 (23). 1988. 13
- [XY] CHIANG, M.-Y. ET AL.: "Antisense oligonucleotides inhibit intercellular adhesion molecule 1 expression by two distinct mechanisms", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 266, no. 27, 25 September 1991 (1991-09-25), MD US, pages 18162 - 18171, XP002134405
- [OXA] MATSUNAGA, T. ET AL.: "SPECIFIC INHIBITION OF BETA-2 MICROGLOBULIN GENE EXPRESSION BY ANTI-SENSE RNA IN MOUSE L CELLS.", SYMPOSIUM ON GENE TRANSFER AND GENE THERAPY HELD AT THE 17TH ANNUAL MEETINGS OF THE UCLA SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, TAMARRON, COLORADO, USA, FEBRUARY 6-12, 1988. J CELL BIOCHEM SUPPL 0 (12 PART B), pages 202
- See references of WO 9314769A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9314769 A1 19930805**; AU 3598293 A 19930901; BR 9307844 A 19960109; CA 2126692 A1 19930805; CZ 178394 A3 19950315;  
EP 0626852 A1 19941207; EP 0626852 A4 19960320; HU 9402188 D0 19940928; HU T67676 A 19950428; JP H07503612 A 19950420;  
NO 942680 D0 19940715; NO 942680 L 19940824

DOCDB simple family (application)

**US 9300797 W 19930129**; AU 3598293 A 19930129; BR 9307844 A 19930129; CA 2126692 A 19930129; CZ 178394 A 19930129;  
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