

Title (en)

GENETICALLY MODIFIED CELLS FOR USE IN TRANSPLANTATION

Title (de)

GENETISCH MODIFIZIERTE ZELLEN ZUR VERWENDUNG IN TRANSPLANTATION

Title (fr)

CELLULES GENETIQUEMENT MODIFIEES EN VUE D'UNE TRANSPLANTATION

Publication

EP 0751987 A1 19970108 (EN)

Application

EP 95915498 A 19950330

Priority

- US 9504060 W 19950330
- US 22140494 A 19940331

Abstract (en)

[origin: WO9527042A1] Cells suitable for transplantation which can be used to deliver a gene product to an allogeneic or xenogeneic subject are disclosed. Such cells are modified to express a gene product and have at least one antigen on the cell surface which stimulates an immune response against the cell in an allogeneic or xenogeneic subject. Prior to administration of the modified cells, the antigen on the cell surface, such as an MHC class I antigen, is altered to inhibit rejection of the cell by an allogeneic or xenogeneic subject. Preferably, the antigen is altered by contact with an antibody, or fragment or derivative thereof, such as an F(ab)'2 fragment. Alteration of the antigen on the surface of the cells prior to administration inhibits immunological rejection of the cells and avoids the need for systemic immunosuppression of a subject.

IPC 1-7

C12N 5/10; **A61K 35/34**; **A61K 48/00**

IPC 8 full level

A61K 35/34 (2015.01); **A61K 39/00** (2006.01); **C07K 16/28** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP)

A61K 35/34 (2013.01); **A61K 39/001** (2013.01); **A61K 39/461** (2023.05); **A61K 39/4621** (2023.05); **A61K 39/46434** (2023.05); **C07K 16/2833** (2013.01); **A61K 48/00** (2013.01)

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 9527042 A1 19951012; AU 2236395 A 19951023; CA 2186528 A1 19951012; EP 0751987 A1 19970108

DOCDB simple family (application)

US 9504060 W 19950330; AU 2236395 A 19950330; CA 2186528 A 19950330; EP 95915498 A 19950330