

Title (en)

GENE THERAPY FOR TRANSPLANTATION AND INFLAMMATORY OR THROMBOTIC CONDITIONS

Title (de)

GENTHERAPIE FÜR TRANSPLANTATION UND ENTZÜNDLICHE ODER THROMBOTISCHE ZUSTÄNDE

Title (fr)

THERAPIE GENIQUE DESTINEE A LA TRANSPLANTATION ET A DES ETATS INFLAMMATOIRES OU THROMBOTIQUES

Publication

**EP 0781333 A1 19970702 (EN)**

Application

**EP 95931935 A 19950825**

Priority

- EP 9503379 W 19950825
- US 29694594 A 19940826

Abstract (en)

[origin: WO9606933A1] A method to genetically modify mammalian cells to render them less susceptible to an inflammatory or immunological stimulus, particularly to alleviate thrombogenicity in endothelial cells subject to inflammatory or immune activation, is described, comprising genetically modifying the cells by inserting therein DNA encoding thrombomodulin and thereby expressing functional thrombomodulin from these cells under cellular activating conditions. The method, which can be carried out either in vivo or in vitro (ex vivo), is indicated for use in transplantation as well as to treat systemic or local inflammatory conditions characterized by thrombosis.

IPC 1-7

**C12N 15/12**; **C12N 15/86**; **A61K 48/00**; **C12N 5/10**; **A01K 67/027**

IPC 8 full level

**A01K 67/027** (2006.01); **A61K 35/12** (2015.01); **A61K 35/36** (2015.01); **A61K 38/00** (2006.01); **A61K 38/36** (2006.01); **A61K 48/00** (2006.01); **A61P 7/02** (2006.01); **C07K 14/745** (2006.01); **C12N 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 7/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12N 15/85** (2006.01); **C12P 21/02** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)

**A61P 7/02** (2018.01); **C07K 14/7455** (2013.01); **C12N 15/8509** (2013.01); **A01K 2207/15** (2013.01); **A01K 2217/00** (2013.01); **A01K 2217/05** (2013.01); **A01K 2227/10** (2013.01); **A01K 2227/105** (2013.01); **A01K 2227/108** (2013.01); **A01K 2267/025** (2013.01); **A01K 2267/03** (2013.01); **A01K 2267/0368** (2013.01); **A61K 38/00** (2013.01); **A61K 48/00** (2013.01); **C12N 2799/027** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9606933 A1 19960307**; AU 3518695 A 19960322; CA 2197427 A1 19960307; EP 0781333 A1 19970702; JP H10508187 A 19980818

DOCDB simple family (application)

**EP 9503379 W 19950825**; AU 3518695 A 19950825; CA 2197427 A 19950825; EP 95931935 A 19950825; JP 50848396 A 19950825