

Title (en)
CD44 EXPRESSION IN SMOOTH MUSCLE CELLS

Title (de)
CD44 EXPRESSION IN GLATTEN MUSKELZELLEN

Title (fr)
EXPRESSION DE CD44 DANS LES CELLULES DES MUSCLES LISSES

Publication
EP 0806965 A4 20000607 (EN)

Application
EP 95910105 A 19950118

Priority
• US 9500740 W 19950118
• US 18315694 A 19940118

Abstract (en)
[origin: WO9519183A1] Disclosed are methods of treating arteriosclerosis or vascular restenosis by inhibiting CD44-mediated smooth muscle migration or proliferation as well as methods of screening for the identification of compounds capable of inhibiting the expression of CD44, inhibiting the CD44-mediated migration of smooth muscle cells, and inhibiting the CD44-mediated proliferation of smooth muscle cells.

IPC 1-7
A61K 48/00; **G01N 33/50**

IPC 8 full level
A61K 38/00 (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 9/08** (2006.01); **A61P 9/10** (2006.01); **C07H 21/04** (2006.01); **C07K 14/705** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
A61P 9/08 (2017.12); **A61P 9/10** (2017.12); **C07K 14/70585** (2013.01); **A61K 48/00** (2013.01)

Citation (search report)
• [XP] WO 9407505 A1 19940414 - NORPHARMCO INC [CA], et al
• [Y] BRUHN H.D. ET AL.: "Untersuchung zur Pathogenese der Arteriosklerose.", MEDIZINISCHE WELT, vol. 33, no. 10, March 1982 (1982-03-01), pages 347 - 351, XP000882890
• [Y] B. YANG ET AL.: "Identification of a common hyaluronan binding motif in the hyaluronan binding proteins RHAMM, CD44 and link protein.", EMBO J., vol. 13, no. 2, 15 January 1994 (1994-01-15), pages 286 - 296, XP002134781
• [AX] PICKER ET AL.: "Monoclonal antibodies to human lymphocytes homing receptors define a novel class of adhesion molecules on divers cell types", J. CELL. BIOL., vol. 109, no. 2, 1989, pages 927 - 938, XP000881846
• [A] LANGE R. ET AL.: "Southwestern Internal Medicine Conference : Restenosis, the Achilles heel of coronary angioplasty.", AM. J. MED. SCI., vol. 306, no. 4, October 1993 (1993-10-01), pages 265 - 275, XP000881860
• See references of WO 9519183A1

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 9519183 A1 19950720; AU 1832695 A 19950801; AU 689226 B2 19980326; CA 2179391 A1 19950720; EP 0806965 A1 19971119; EP 0806965 A4 20000607; JP H09508265 A 19970826

DOCDB simple family (application)
US 9500740 W 19950118; AU 1832695 A 19950118; CA 2179391 A 19950118; EP 95910105 A 19950118; JP 51922395 A 19950118