

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  
**G01N 33/53** (2006.01); **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 33/566** (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