

Title (en)
PEPTIDE LIGANDS OF THE UROKINASE RECEPTOR

Title (de)
PEPTID-LIGANDEN FÜR DEN UROKINASE-REZEPTOR

Title (fr)
LIGANDS PEPTIDIQUES DU RECEPTEUR DE L'UROKINASE

Publication
EP 0906419 A2 19990407 (EN)

Application
EP 97917723 A 19970328

Priority
• US 9705199 W 19970328
• US 62336196 A 19960328

Abstract (en)
[origin: WO9735969A2] Novel peptides that are capable of binding to uPAR and inhibiting the binding of an integrin and vitronectin are described. Also provided are nucleic acid sequences encoding the novel peptides. Methods for screening for small molecules, other peptides, or peptoids that mimic the antagonistic function of the peptides of the invention are described. The invention has applications in design of therapeutics for treating disorders characterized by upregulation of uPA and uPAR, and cancer and chronic inflammation, cell migration or uPAR: integrin binding interactions, and diagnostical applications to such disorders.

IPC 1-7
C12N 15/10; **C07K 1/00**; **C07K 4/12**; **C07K 7/08**; **G01N 33/50**; **G01N 33/68**; **G01N 33/566**; **A61K 38/03**; **A61K 38/08**

IPC 8 full level
A61K 31/00 (2006.01); **A61K 38/00** (2006.01); **A61K 38/55** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **C07K 4/12** (2006.01); **C07K 7/08** (2006.01); **C07K 14/705** (2006.01); **C07K 14/78** (2006.01); **C12N 15/09** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)
A61P 29/00 (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C07K 14/7055** (2013.01); **C07K 14/78** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
See references of WO 9735969A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9735969 A2 19971002; **WO 9735969 A3 19971106**; AU 2597897 A 19971017; EP 0906419 A2 19990407; JP 2000509968 A 20000808; JP 2008109934 A 20080515; JP 4088344 B2 20080521

DOCDB simple family (application)
US 9705199 W 19970328; AU 2597897 A 19970328; EP 97917723 A 19970328; JP 2007294871 A 20071113; JP 53466697 A 19970328