

Title (en)

MOLECULES THAT HOME TO A SELECTED ORGAN OR TISSUE IN VIVO AND METHODS OF IDENTIFYING SAME

Title (de)

MOLEKÜLE DIE SICH IN AUSGEWÄHLTEN ORGANEN ODER GEWEBEN IN-VIVO EINFINDEN UND VERFAHREN ZU IHRER IDENTIFIZIERUNG

Title (fr)

MOLECULES QUI SE DIRIGENT VERS UN ORGANE OU DES TISSUS CHOISIS IN VIVO ET PROCEDE D'IDENTIFICATION DESDITES MOLECULES

Publication

EP 0876611 A1 19981111 (EN)

Application

EP 96930824 A 19960910

Priority

- US 9614600 W 19960910
- US 52671095 A 19950911
- US 52670895 A 19950911

Abstract (en)

[origin: WO9710507A1] The present invention provides an in vivo method for identifying molecules that home to a selected organ or tissue. In addition, the invention provides peptides that home to a selected organ or tissue. For example, the invention provides peptides that selectively home to an organ such as brain or kidney or to a tissue such as a tumor tissue. The invention further provides methods of using an organ homing molecule, for example, to target an agent such as a drug to a selected organ or to identify the target molecule expressed by the selected organ. The invention also provides methods of targeting an organ or tissue containing angiogenic vasculature by contacting the organ or tissue with a molecule that specifically binds an alpha v-containing integrin.

IPC 1-7

G01N 33/567; **G01N 33/50**; **C07K 1/04**; **A61K 47/48**

IPC 8 full level

A61K 9/127 (2006.01); **A61K 45/00** (2006.01); **A61K 47/42** (2006.01); **A61K 47/48** (2006.01); **A61P 35/00** (2006.01); **C07K 1/04** (2006.01); **C07K 1/13** (2006.01); **C07K 1/14** (2006.01); **C07K 5/10** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/47** (2006.01); **C12N 15/09** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01); **G01N 33/567** (2006.01)

CPC (source: EP)

A61K 47/6425 (2017.07); **A61P 35/00** (2017.12); **C07K 1/047** (2013.01); **G01N 33/5008** (2013.01); **G01N 33/5011** (2013.01); **G01N 33/5044** (2013.01); **G01N 33/5058** (2013.01); **G01N 33/5067** (2013.01); **G01N 33/5088** (2013.01); **G01N 33/567** (2013.01)

Citation (search report)

See references of WO 9710507A1

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 9710507 A1 19970320; AT E195181 T1 20000815; AT E382630 T1 20080115; AU 693723 B2 19980702; AU 6973996 A 19970401; CA 2204535 A1 19970320; CA 2204535 C 20021112; DE 69609585 D1 20000907; DE 69609585 T2 20010405; DE 69637395 D1 20080214; DE 69637395 T2 20081218; DE 773441 T1 19990304; EP 0773441 A1 19970514; EP 0773441 B1 20000802; EP 0876611 A1 19981111; EP 0987275 A2 20000322; EP 0987275 A3 20060621; EP 0987275 B1 20080102; ES 2299232 T3 20080516; HK 1027820 A1 20010123; JP 2003155296 A 20030527; JP 2007204483 A 20070816; JP 3900305 B2 20070404; JP H10502674 A 19980310

DOCDB simple family (application)

US 9614600 W 19960910; AT 96250195 T 19960910; AT 99250432 T 19960910; AU 6973996 A 19960910; CA 2204535 A 19960910; DE 69609585 T 19960910; DE 69637395 T 19960910; DE 96250195 T 19960910; EP 96250195 A 19960910; EP 96930824 A 19960910; EP 99250432 A 19960910; ES 99250432 T 19960910; HK 00106023 A 20000922; JP 2002245801 A 20020826; JP 2007056453 A 20070306; JP 51208797 A 19960910