

Title (en)
INHIBITORS OF GLYCOSAMINOGLYCANS

Title (de)
GLYCOSAMINOGLYCANS-HEMMER

Title (fr)
INHIBITEURS DE GLYCOSAMINOGLYCANES

Publication
EP 1430302 A2 20040623 (EN)

Application
EP 02728711 A 20020320

Priority
• US 0211167 W 20020320
• US 27779001 P 20010321

Abstract (en)
[origin: WO02076173A2] The present invention provides peptide derivatives with a specific affinity for glycosaminoglycan molecules. These peptide derivatives include multimers as well as chemically modified peptides and may be prepared by a variety of methods. The peptides of the invention have numerous functions, including but not limited to use as inhibitors of glycosaminoglycan-mediated signaling events and targeting agents. Peptides of the invention may be directed against any glycosaminoglycan, including hyaluronic acid, chondroitin sulfate A, chondroitin sulfate C, dermatan sulfate, heparin, keratan sulfate, keratosulfate, chitin, chitosan 1, and chitosan 2. The peptide derivatives of the invention also have therapeutic uses in the treatment and prevention of diseases involving inflammatory diseases, cancer, and cancer metastasis, autoimmune diseases, etc.

IPC 1-7
G01N 33/50; **A61K 38/03**; **A61K 38/04**; **A61K 38/09**; **A61K 38/10**

IPC 8 full level
A61K 38/00 (2006.01); **A61K 45/00** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **C07K 7/08** (2006.01); **C07K 14/00** (2006.01); **C07K 14/78** (2006.01)

CPC (source: EP)
A61P 29/00 (2017.12); **A61P 35/00** (2017.12); **A61P 37/00** (2017.12); **C07K 7/08** (2013.01); **C07K 14/78** (2013.01); **A61K 38/00** (2013.01)

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

DOCDB simple family (publication)
WO 02076173 A2 20021003; **WO 02076173 A3 20040408**; AU 2002258749 A1 20021008; CA 2439409 A1 20021003; EP 1430302 A2 20040623; EP 1430302 A4 20070822; JP 2004532203 A 20041021

DOCDB simple family (application)
US 0211167 W 20020320; AU 2002258749 A 20020320; CA 2439409 A 20020320; EP 02728711 A 20020320; JP 2002574703 A 20020320