

Title (en)

METHODS FOR MODULATING NERVE CELL FUNCTION

Title (de)

VERFAHREN ZUR MODULATION DER NERVENZELLFUNKTION

Title (fr)

PROCEDES PERMETTANT DE MODULER UNE FONCTION DES CELLULES NERVEUSES

Publication

**EP 1030920 A1 20000830 (EN)**

Application

**EP 98957960 A 19981113**

Priority

- US 9824327 W 19981113
- US 6554397 P 19971114

Abstract (en)

[origin: WO9925833A1] The amount of active Robo expressed on a cell is modified by modulating the effective amount of a Comm polypeptide in contact with the cell, whereby the amount of expressed active Robo is modulated inversely with the modulation of the effective amount of the Comm polypeptide in contact with the cell. In a particular embodiment, the Comm polypeptide is provided to the cell exogenously in a pharmaceutically acceptable composition. In another aspect, the invention provides methods of screening for agents which modulate Robo-Comm interactions. These methods generally involve forming a mixture of a Robo-expressing cell, a Comm polypeptide and a candidate agent, and determining the effect of the agent on the amount of Robo expressed by the cell.

IPC 1-7

**C12N 15/18**; **C07K 14/475**; **A61K 38/18**

IPC 8 full level

**C12N 15/09** (2006.01); **C07K 14/47** (2006.01); **C07K 14/475** (2006.01); **C12N 15/18** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

**C07K 14/475** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

See references of WO 9925833A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9925833 A1 19990527**; AU 1409499 A 19990607; AU 745762 B2 20020328; CA 2306776 A1 19990527; EP 1030920 A1 20000830; JP 2001523458 A 20011127

DOCDB simple family (application)

**US 9824327 W 19981113**; AU 1409499 A 19981113; CA 2306776 A 19981113; EP 98957960 A 19981113; JP 2000521198 A 19981113