(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 6 January 2005 (06.01.2005)

(10) International Publication Number WO 2005/000194 A3

(51) International Patent Classification⁷: A61K 39/395

(21) International Application Number:

PCT/US2003/032083

(22) International Filing Date: 8 October 2003 (08.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/417,197 8 October 2002 (08.10.2002)

(71) Applicant (for all designated States except US): RINAT NEUROSCIENCE CORP. [US/US]; 3155 Porter Drive, Palo Alto, CA 94304 (US).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SHELTON, David, L. [US/US]; 5845 Clover Drive, Oakland, CA 94618 (US). VERGARA, German, J. [US/US]; 3709 Campolindo Drive, Moraga, CA 94556 (US).
- (74) Agents: COBURN, Cara, M. et al.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 14 April 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR TREATING POST-SURGICAL PAIN BY ADMINISTERING AN ANTI-NERVE GROWTH FAC-TOR ANTAGONIST ANTIBODY AND COMPOSITIONS CONTAINING THE SAME

(57) Abstract: The invention features methods and compositions for preventing or treating post-surgical pain by administering an anti-NGF antagonist antibody.

INTERNATIONAL SEARCH REPORT

International application No.

PCT	/1	TC	ഹാ	122	Λ	0	•
P(.1	π.	10	W.S	1.3Z	u	Δ	ú

_	PC1/U303/32083						
A. CLASSIFICATION OF SUBJECT MATTER							
IPC(7) : A61K 39/395							
US CL : 424/145.1							
According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELDS SEARCHED							
Minimum documentation searched (classification system followed by classification symbols)							
U.S.: 424/145.1; 530/388.22, 388.23, 388.24	novice by blassification symbols,						
0.3 424/143.1, 330/388.22, 388.23, 388.24							
,							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
pocumentation solution and the control and the							
Flectronic data base consulted during the international searce	ch (name of data base and, where practicable, search terms used)						
Please See Continuation Sheet	•						
C. DOCUMENTS CONSIDERED TO BE RELEVA							
Category * Citation of document, with indication,	where appropriate, of the relevant passages Relevant to claim No.						
	nuates spontaneous pain and thermal, but not 1-3						
mechanical hyperalgesia, after hind paw inci-	sion in the rat. Society for Neuroscience						
Abstracts, Program No. 909.12, November 2							
	·						
	,						
Further documents are listed in the continuation of Bo	ox C. See patent family annex.						
Special categories of cited documents:	"T" later document published after the international filing date or priority						
"A" document defining the general state of the art which is not considered	date and not in conflict with the application but cited to understand the to be of principle or theory underlying the invention						
"A" document defining the general state of the art which is not considered particular relevance							
•	"X" document of particular relevance; the claimed invention cannot be						
"E" earlier application or patent published on or after the international filir	ng date considered novel or cannot be considered to involve an inventive step when the document is taken alone						
"L" document which may throw doubts on priority claim(s) or which is cit	ted to						
establish the publication date of another citation or other special reason	on (as "Y" document of particular relevance; the claimed invention cannot be						
specified)	considered to involve an inventive step when the document is combined with one or more other such documents, such combination being						
"O" document referring to an oral disclosure, use, exhibition or other mean	obvious to a person skilled in the art						
upu t List desired the interesting Elina data but later than	the "&" document member of the same patent family						
"P" document published prior to the international filing date but later than priority date claimed	the & document member of the same patent family						
	Data of mailing of the international search report						
Date of the actual completion of the international search	Date of mailing of the international search report						
19 January 2005 (19.01.2005)	0 4 MAR 2005						
Name and mailing address of the ISA/US	Authorized officer Januard Sharante						
Mail Stop PCT, Attn: ISA/US	,						
Commissioner for Patents	Jon M Lockard						
P.O. Box 1450	Telephone No. (571) 272-1600						
Aloxandria, Virginia 22515 1450							
Facsimile No. (703) 305-3230	1						

	INTERNATIONAL SEARCH REPORT	PCT/US03/32083
1,000		
	Continuation of B. FIELDS SEARCHED Item 3: EAST 2.0.1, STN/CAS Search Terms: ngf, nerve growth factor, antibody, post-surgical, pain	
A STANCE		

Form PCT/ISA/210 (second sheet) (July 1998)