

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 October 2008 (09.10.2008)

PCT

(10) International Publication Number
WO 2008/121563 A2

(51) International Patent Classification:
C07K 14/50 (2006.01) *A61K 38/18* (2006.01)
C07H 21/00 (2006.01)

Wandering Road, Encinitas, CA 92024 (US). **KRAYNOV, Vadim** [US/US]; 5457 White Oak Lane, San Diego, CA 92130 (US).

(21) International Application Number:
PCT/US2008/057563

(74) Agent: **WALLEN, John, W.**; 10975 North Torrey Pines Road, Suite 100, La Jolla, CA 92037 (US).

(22) International Filing Date: 19 March 2008 (19.03.2008)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/921,297 30 March 2007 (30.03.2007) US
60/988,060 14 November 2007 (14.11.2007) US

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **AMBRX, INC.** [US/US]; 10975 North Torrey Pines Road, Suite 100, La Jolla, CA 92037 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CUJEC, Thomas, P.** [US/US]; 10988 Glencreek Circle, San Diego, CA 92131 (US). **MARIANI, Roberto** [US/US]; 350 W. Ash Street #1208, San Diego, CA 92101 (US). **HAYS PUTNAM, Anna-maria, A.** [US/US]; 11522 Cesped Drive, San Diego, CA 92124 (US). **KEEFE, William, M.** [US/US]; 1425 N. Crescent Heights Boulevard, #205, West Hollywood, CA 90046 (US). **KNUDSEN, Nick** [US/US]; 10709 Matinal Circle, San Diego, CA 92127 (US). **HO, Lillian** [US/US]; 3831 3rd Avenue, San Diego, CA 92103 (US). **PINKSTAFF, Jason** [US/US]; 2095

Published:

- without international search report and to be republished upon receipt of that report
- with sequence listing part of description published separately in electronic form and available upon request from the International Bureau

(54) Title: MODIFIED FGF-21 POLYPEPTIDES AND THEIR USES

(57) Abstract: Modified FGF-21 polypeptides and uses thereof are provided.



WO 2008/121563 A2