(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 October 2013 (03.10.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/149159 A9

(51) International Patent Classification:
C07K 16/28 (2006.01) *A61P 35/00* (2006.01)
A61K 47/48 (2006.01)

(21) International Application Number:
PCT/US2013/034629

(22) International Filing Date:
29 March 2013 (29.03.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/618,232	30 March 2012 (30.03.2012)	US
61/683,048	14 August 2012 (14.08.2012)	US
61/778,710	13 March 2013 (13.03.2013)	US

(71) Applicant: **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, California 94080 (US).

(72) Inventors: **HONGO, Jo-Anne**; 1 DNA Way, South San Francisco, California 94080 (US). **MAO, Weiguang**; 1 DNA Way, South San Francisco, California 94080 (US). **POLAKIS, Paul**; 1 DNA Way, South San Francisco, California 94080 (US). **POLSON, Andrew**; 1 DNA Way, South San Francisco, CA 94080 (US). **VIJ, Rajesh**; 1 DNA Way, South San Francisco, California 94080 (US). **WU, Yan**; 1 DNA Way, South San Francisco, California 94080 (US). **LIANG, Wei-Ching**; 1 DNA Way, South San Francisco, California 94080 (US).

(74) Agent: **SCARR, Rebecca, B.**; Casimir Jones, S.C., 2275 Deming Way, Ste 310, Middleton, Wisconsin 53562 (US).

(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, BN, BR, BW, BY, BZ, CA, CH, CL, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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

Published:

— *with international search report (Art. 21(3))*

— *with sequence listing part of description (Rule 5.2(a))*

(48) Date of publication of this corrected version:
18 September 2014

(15) Information about Correction:
see Notice of 18 September 2014

WO 2013/149159 A9

(54) Title: ANTI-LGR5 ANTIBODIES AND IMMUNOCONJUGATES

(57) Abstract: The invention provides anti-LgR5 antibodies and immunoconjugates and methods of using the same.