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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 May 2009 (22.05.2009)

PCT

(10) International Publication Number
WO 2009/064854 A3

(51) International Patent Classification:
C07K 16/28 (2006.01) *A61P 37/06* (2006.01)
A61K 39/395 (2006.01) *A61P 35/00* (2006.01)

(21) International Application Number:
PCT/US2008/083362

(22) International Filing Date:
13 November 2008 (13.11.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/987,651 13 November 2007 (13.11.2007) US

(71) Applicant *(for all designated States except US)*: **COGENESYS, INC** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SMITH, Rodger** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **KANAKARAJ, Palanisamy** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **ROSCHKE, Viktor** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **ROSEN, Craig** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **COOKSEY, Bridget, A.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).

(74) Agent: **SIMKIN, Michele, M.**; Foley & Lardner LLP, Washington Harbour, 3000 K St., Nw Suite 500, Washington, DC 20007 (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, 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, ST, SV, SY, 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, 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).

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:
30 July 2009

(54) Title: HUMANIZED ANTIBODIES AGAINST TL1A

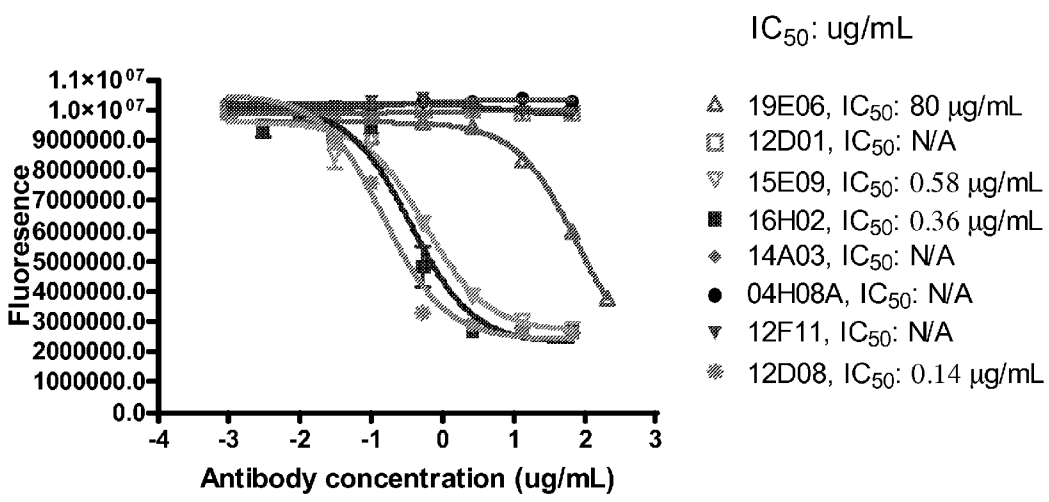


FIGURE 1

(57) Abstract: Disclosed are humanized antibodies that bind specifically to TNF superfamily member 15 (TNFSF 15), also known as TL1A. Methods of making and using the anti-TL1 A antibodies are also described. The humanized antibodies may be antagonists and may used to treat or diagnose conditions associated with TL1A function.

WO 2009/064854 A3