



- (51) **International Patent Classification:**
C07K 16/28 (2006.01)
- (21) **International Application Number:**
PCT/US2013/022280
- (22) **International Filing Date:**
18 January 2013 (18.01.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
61/588,936 20 January 2012 (20.01.2012) US
- (71) **Applicant:** GENZYME CORPORATION [US/US]; 500 Kendall Street, Cambridge, MA 02142 (US).
- (72) **Inventors:** YOUD, Michele; 10 Centre Street, Lexington, MA 02421 (US). TEDSTONE, Jennifer; 45 B Pleasant Street, Hopkinton, MA 01748 (US). LODIE, Tracey; 317 Lincoln Circle, Northbridge, MA 01534 (US). CARTER, Karen, B.; 4 Summit Avenue, Fiskdale, MA 01518 (US). CONNORS, Timothy, D.; 3 Robin Road, Shrewsbury, MA 01545 (US). PINCKNEY, Jason, Robert; 87B Broadsmeadow Street #7, Marlborough, MA 01752 (US). MASTERJOHN, Elizabeth; 113 Brigham Street 6C, Hudson, MA 01749 (US). CHU, Ruiyin; 29 Boice Lane, Belle Mead, NJ 08502 (US).
- (74) **Agents:** MCDONELL, Leslie et al.; Finnegan, Henderson, Farabow, Garrett and Dunner, LLP, 901 New York Avenue, NW, Washington, DC 20001 (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:

- *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) **Title:** ANTI-CXCR3 ANTIBODIES

(57) **Abstract:** The present disclosure provides anti-CXCR3 antibodies and methods of using the antibodies to diagnose and/or treat CXCR3-associated disorders such as diabetes mellitus type I (T1D), particularly new-onset T1D. In certain embodiments, disclosed herein are CXCR3 neutralizing antibodies.



WO 2013/109974 A2