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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 January 2007 (18.01.2007)

PCT

(10) International Publication Number
WO 2007/009018 A3

(51) International Patent Classification:
C07K 14/00 (2006.01) *C12N 15/12* (2006.01)

(21) International Application Number:
PCT/US2006/027139

(22) International Filing Date: 12 July 2006 (12.07.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/699,137 13 July 2005 (13.07.2005) US

(71) Applicant *(for all designated States except US)*: **AMGEN MOUNTAIN VIEW INC.** [US/US]; 2450 Bayshore Parkway, Mountain View, CA 94043 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **BAKKER, Alice** [US/US]; 1234 Bubb Road, Cupertino, California 95014 (US). **DUGUAY, Amy, N.** [US/US]; 18242 Baylor Avenue, Saratoga, CA 95070 (US). **LIU, Qiang** [US/US]; 55 Williams Lane, Foster City, California 94404 (US). **SILVERMAN, Joshua** [US/US]; 829 Dartshire Way, Sunnyvale, California 94087 (US). **MOORE, Kevin** [US/US]; 251 Carolina Lane, Palo Alto, California 94306 (US).

(74) Agents: **SHOLTZ, Charles, K.** et al.; Amgen Inc., 1120 Veterans Boulevard, Mail Stop ASF1-1, South San Francisco, CA 94080 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:
— *of inventorship (Rule 4.17(iv))*

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:
17 January 2008

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: IL-6 BINDING PROTEINS

(57) Abstract: Polypeptides comprising monomer domains that bind to IL-6, or portions thereof, are provided.

WO 2007/009018 A3