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

REVISED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
17 September 2009 (17.09.2009)

PCT

(10) International Publication Number
WO 2009/112245 A9

(51) **International Patent Classification**:
C07K 16/28 (2006.01) *C12N 15/13* (2006.01)
A61P 35/00 (2006.01) *C12N 15/63* (2006.01)
A61P 37/00 (2006.01)

(21) **International Application Number**:
PCT/EP2009/001733

(22) **International Filing Date**:
11 March 2009 (11.03.2009)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:
08360005.6 14 March 2008 (14.03.2008) EP
61/043.884 10 April 2008 (10.04.2008) US

(71) **Applicant** *(for all designated States except US)*: **TRANSGENE S.A.** [FR/FR]; Boulevard Gonthier d'Andernach, Parc d'innovation, CS80166, F-67405 Illkirch Graffenstaden Cedex (FR).

(72) **Inventors; and**

(75) **Inventors/Applicants** *(for US only)*: **HAEGEL, Hélène** [FR/FR]; 28, rue de Lorraine, F-67100 Strasbourg (FR). **THIOUDELLET, Christine** [FR/FR]; 4, boulevard de la Victoire, F-67000 Strasbourg (FR). **GEIST, Michel** [FR/FR]; 18, rue Edouard Manet, F-67170 Brumath (FR). **GRELLIER, Benoît** [FR/FR]; 24, rue des Roses, F-67100 Strasbourg (FR).

(74) **Agents**: **STOLZENBURG, Friederike** et al.; Vossius & Partner, Siebertstraße 4, 81675 Munich (DE).

(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, MK, 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 (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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

(88) **Date of publication of the revised international search report**:
5 November 2009

(15) **Information about Correction**:
see Notice of 5 November 2009

(54) **Title**: ANTIBODY AGAINST THE CSF-1 R

(57) **Abstract**: The present invention provides antibodies specific for the CSF-1R, compositions comprising said antibodies and methods of treatment using such compositions.

WO 2009/112245 A9