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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
19 October 2006 (19.10.2006)

PCT

(10) International Publication Number
WO 2006/109191 A3

(51) International Patent Classification:
C07K 16/24 (2006.01) *A61K 39/395* (2006.01)

(21) International Application Number:
PCT/IB2006/001514

(22) International Filing Date: 27 January 2006 (27.01.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/648,219 27 January 2005 (27.01.2005) US

(71) Applicant *(for all designated States except US)*: **NOVIMMUNE S.A.** [CH/CH]; 64, avenue de la Roseraie, CH-1211, Geneva (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FERLIN, Walter** [AU/FR]; Villa de l'Archet, 217 rue de Larchet, F-74140 Saint Cergues (FR). **FISCHER, Nicolas** [CH/CH]; 16, chemin des Ouches, CH-1203 Geneva (CH). **ELSON, Greg** [GB/FR]; 222, route de Bossey, F-74160 Collonges sous Salève (FR). **LEGER, Olivier** [FR/FR]; 603 Route des Luches, F-74800 St. Sixt (FR).

(74) Agent: **CRUMP, Julian, Richard, John**; Mintz Levin Cohn Ferris Glovsky & Popeo, Intellectual Property LLP, The Rectory, 9 Ironmonger Lane, London EC2V 8EY (GB).

(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, 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, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

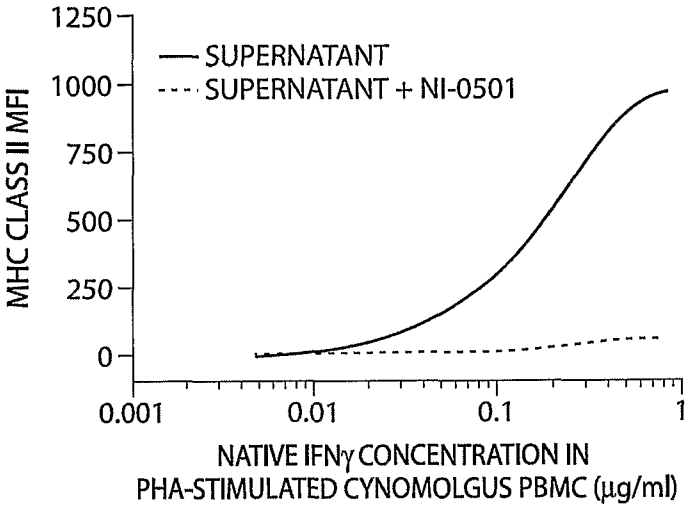
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, 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).

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:
26 April 2007

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: HUMAN ANTI-INTERFERON GAMMA ANTIBODIES AND METHODS OF USE THEREOF



(57) Abstract: The invention relates to fully human antibodies, and fragments thereof, that bind to human interferon gamma (hIFNγ), thereby modulating the interaction between IFNγ and its receptor, IFNγ-R, and/or modulating the biological activities of IFNγ. The invention also relates to the use of such anti-IFNγ antibodies in the prevention or treatment of immune- related disorders and in the amelioration of a symptom associated with an immune-related disorder.

WO 2006/109191 A3