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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 September 2012 (20.09.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/123926 A1

(51) International Patent Classification:
A61K 39/00 (2006.01) *C07K 9/00* (2006.01)
A61K 47/48 (2006.01)

(21) International Application Number:
PCT/IB2012/051285

(22) International Filing Date:
16 March 2012 (16.03.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11290138.4 17 March 2011 (17.03.2011) EP

(71) Applicant *(for all designated States except US)*: **INSTITUT PASTEUR** [FR/FR]; 28, Rue du Docteur Roux, F-75015 Paris (FR).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **BAY, Sylvie** [FR/FR]; 12, rue Beccaria, F-75012 Paris (FR). **LECLERC, Claude** [FR/FR]; 13 rue de l'Amiral Roussin, F-75015 Paris (FR). **LO-MAN, Richard** [FR/FR]; 2 passage des Entrepreneurs, F-75015 Paris (FR).

(74) Agents: **DIAS, Sonia** et al.; 36, rue de Saint Pétersbourg, F-75008 Paris (FR).

(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, 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, 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, MD, 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:

— *with international search report (Art. 21(3))*

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

WO 2012/123926 A1

(54) Title: METHOD FOR PREPARING MULTIPLE ANTIGEN GLYCOPEPTIDE CARBOHYDRATE CONJUGATES

(57) Abstract: The present invention relates to a method for preparing carbohydrate T cell epitope conjugates of formula (I): $M(T\text{-}B)_n$ (I) wherein M, T, B and n are as defined in claim 1.