

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
9 October 2008 (09.10.2008)

PCT

(10) International Publication Number
WO 2008/120107 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/IB2008/001814

(22) International Filing Date: 3 April 2008 (03.04.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/909,904 3 April 2007 (03.04.2007) US
60/940,212 25 May 2007 (25.05.2007) US(71) Applicant (for all designated States except US):
OXYRANE (UK) LIMITED [GB/GB]; Greenheys House, Manchester Science Park, 10 Pencroft Way, Manchester M15 6JJ (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CALLEWAERT, Nico, Luc, Marc** [BE/BE]; Begijnhoflaan 15, B-9850 Hansbeke-Nevele (BE). **VERVECKEN, Wouter** [BE/BE]; Edmond Van Hoorebekestraat 90, B-9050Gent-Ledeberg (BE). **MARCEL DE POURCQ, Karen, Jacqueline** [BE/BE]; Dokter De Gruyterstraat 7, B-9820 Merelbeke (BE). **GEYSENS, Steven, Christian, Jozef** [BE/BE]; Aaishovedriesstraat 25, B-9770 Kruishoutem (BE). **GUERFAL, Mouna** [BE/BE]; Beekstraat 29, B-9051 Gent-droningen (BE).

(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, 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, MT, NL,

[Continued on next page]

(54) Title: GLYCOSYLATION OF MOLECULES

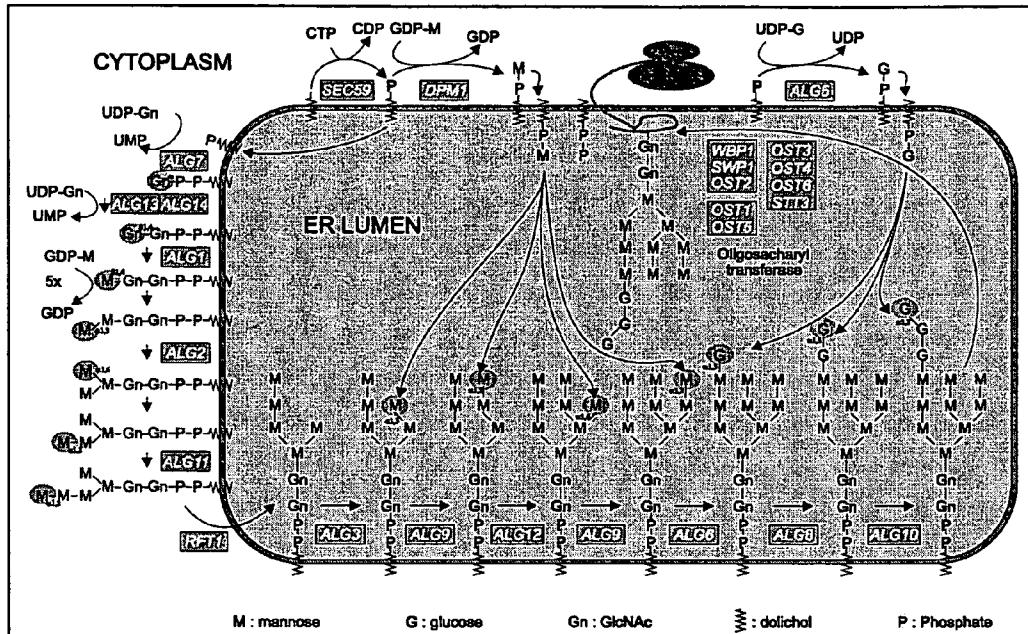


FIG. 1

(57) Abstract: Described herein are methods and genetically engineered cells useful for producing an altered N-glycosylation form of a target molecule. Also described are methods and molecules with altered N-glycosylation useful for treating a variety of disorders such as metabolic disorders.