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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 January 2003 (23.01.2003)

PCT

(10) International Publication Number
WO 03/006051 A1

(51) International Patent Classification[7]: A61K 38/18

(21) International Application Number: PCT/US02/22747

(22) International Filing Date: 15 July 2002 (15.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/305,284 13 July 2001 (13.07.2001) US

(71) Applicant: **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, Wa 98102 (US).

(72) Inventors: **KELLY, James, D.**; 3330 West Mercer Way, Mercer Island, WA 98040 (US). **WEBSTER, Philippa, J.**; 5823 17th Avenue NE, Seattle, WA 98105 (US).

(74) Agent: **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seatle, WA 98102 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (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*

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.

WO 03/006051 A1

(54) Title: USE OF CORTICOTROPH-DERIVED GLYCOPROTEIN HORMONE TO INDUCE LIPOLYSIS

(57) Abstract: The use of corticotroph-derived glycoprotein hormone (CGH) to induce lipolysis, treat obesity, insulin resistance, and type II diabetes is described.