30 AUG 2002

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G06F

A2

(11) International Publication Number: WO 99/52025

(43) International Publication Date: 14 October 1999 (14.10.99)

(21) International Application Number: PCT/US99/07171

(22) International Filing Date: 1 April 1999 (01.04.99)

(30) Priority Data:
60/080,629 3 April 1998 (03.04.98) US

(71) Applicant *(for all designated States except US)*: TRIANGLE PHARMACEUTICALS, INC. [US/US]; 4 University Place, 4611 University Drive, Durham, NC 27707 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: BARRY, David, W. [US/US]; 1810 South Lakeshore Drive, Chapel Hill, NC 27514 (US). UNDERWOOD, Carolyn, S. [US/US]; 108 Parchment Court, Cary, NC 27511 (US). McCREEDY, Bruce, J. [US/US]; 100 Berryhill Drive, Raleigh, NC 27615 (US). HADDEN, David, D. [US/US]; 2307 Whitley Drive, Durham, NC 27707 (US). LUCAS, Jason, L. [US/US]; 1215 Gateway Lane, West Chester, PA 19355 (US).

(74) Agents: BODDIE, Needham, J., II et al.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

Without international search report and to be republished upon receipt of that report.

(54) Title: SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR GUIDING THE SELECTION OF THERAPEUTIC TREATMENT REGIMENS

(57) Abstract

Systems, methods and computer program products for guiding selection of a therapeutic treatment regimen for a known disease such as HIV infection are disclosed. The method comprises (a) providing patient information to a computing device; the computer device comprising: a first knowledge base comprising a plurality of different therapeutic treatment regimens for the disease; a second knowledge base comprising a plurality of expert rules for selecting a therapeutic treatment regimen for the disease; and a third knowledge base comprising advisory information useful for the treatment of a patient with different constituents of the different therapeutic treatment regimens; and (b) generating in the computing device a listing (preferably a ranked listing) of therapeutic treatment regimens for the patient; and (c) generating in the computing device advisory information for one or more treatment regimens in the listing based on the patient information and the expert rules.



162162



G00002