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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
1 August 2002 (01.08.2002)

PCT

(10) International Publication Number
WO 02/058726 A1

(51) International Patent Classification[7]: A61K 39/21, A61P 31/18

(21) International Application Number: PCT/US02/02077

(22) International Filing Date: 24 January 2002 (24.01.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/264,476 26 January 2001 (26.01.2001) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 60/264,476 (CIP)
Filed on 26 January 2001 (26.01.2001)

(71) Applicant *(for all designated States except US)*: **THE IMMUNE RESPONSE CORPORATION** [US/US]; 5935 Darwin Court, Carlsbad, CA 92008 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MOSS, Ronald, B.** [US/US]; 5021 Manor Ridge Lane, San Diego, CA 92130 (US). **CARLO, Dennis, J.** [US/US]; 4466 Los Pinos, Rancho Santa Fe, CA (US).

(74) Agents: **WEBSTER, Melanie, K.** et al.; Campbell & Flores LLP, 7th Floor, 4370 La Jolla Village Drive, San Diego, CA 92122 (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, TN, TR, TT, TZ, UA, UG, US, 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, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, 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 02/058726 A1

(54) Title: METHOD FOR TREATING AN HIV-INFECTED INDIVIDUAL BY COMBINING IMMUNIZATION WITH STRUCTURED INTERRUPTION OF ANTI-RETROVIRAL TREATMENT

(57) Abstract: The invention provides a method for the treatment of HIV infected individuals. The method is practiced by combining immunization with an HIV immunogenic composition with structured cycles of anti-retroviral treatment and withdrawal from treatment.