

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number
WO 2004/028481 A2

- (51) International Patent Classification⁷: **A61K**
- (21) International Application Number:
PCT/US2003/031433
- (22) International Filing Date:
30 September 2003 (30.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/415,222 30 September 2002 (30.09.2002) US
60/443,169 29 January 2003 (29.01.2003) US
- (71) Applicant (*for all designated States except US*):
GENELABS TECHNOLOGIES, INC. [US/US];
505 Penobscot Drive, Redwood City, CA 94063 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **ROBERTS, Christopher, Don** [US/US]; 1060 Continentals Way, Belmont, CA 94002 (US). **DYATKINA, Natalia, B.** [RU/US]; 150 Pacchetti Way, Mountain View, CA 94040 (US).
- (74) Agent: **SWISS, Gerald, E.**; Swiss Law Group, Building 3, Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306 (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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, 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, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— *without international search report and to be republished upon receipt of that report*
- 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.*

(54) Title: NUCLEOSIDE DERIVATIVES FOR TREATING HEPATITIS C VIRUS INFECTION

(57) Abstract: Disclosed are compounds, compositions and methods for treating hepatitis C virus infections.

WO 2004/028481 A2