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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/011572 A2

(51) International Patent Classification[7]: A61K

(21) International Application Number:
PCT/US2004/023524

(22) International Filing Date: 22 July 2004 (22.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/490,759 28 July 2003 (28.07.2003) US

(71) Applicant *(for all designated States except US)*: **COMBINATORX, INCORPORATED** [US/US]; 650 Albany Street, Boston, MA 02118 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **NICHOLS, James, M.** [US/US]; 8 Garrison Street, Apt.409, Boston, MA 02116 (US). **LEE, Margaret, S.** [US/US]; 20 Pleasant Street, Middleton, MA 01949 (US). **KEITH, Curtis, T.** [CA/US]; 57 Warren Avenue, #1, Boston, MA 02116 (US). **ZHANG, Yanzhen** [SE/US]; 73 Woodside Road, Sudbury, MA 01776 (US). **GAW, Debra, A.** [US/US]; 139 Oak Street, Reading, MA 01867 (US).

(74) Agents: **CLARK, Paul, T.** et al.; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110-1817 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NA, 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 *(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, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (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.

WO 2005/011572 A2

(54) Title: COMBINATION OF DRUGS FOR THE TREATMENT OF NEOPLASMS

(57) Abstract: The invention features a method for treating a patient having a cancer or other neoplasm by administering to the patient pentamidine or a pentamidine analog and an antiproliferative agent simultaneously or within 14 days of each other in amounts sufficient to treat the patient.