

4/10/02

200206230 5

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

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
18 October 2001 (18.10.2001)

PCT

(10) International Publication Number
WO 01/76567 A1

- (51) International Patent Classification⁷: **A61K 9/52, 9/66** (74) Agents: **BRAINARD, Charles, R. et al.**; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (21) International Application Number: PCT/US01/11688
- (22) International Filing Date: 10 April 2001 (10.04.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/195,920 10 April 2000 (10.04.2000) US
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- (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, 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, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search 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.



162162



ACTION

WO 01/76567 A1

(54) Title: METHOD AND COMPOSITION FOR TREATING CANCER BY ADMINISTRATION OF APOPTOSIS-INDUCING CHEMOTHERAPEUTIC AGENTS

(57) Abstract: The present invention provides an anti-tumor chemotherapeutic to a patient having a tumor, the composition comprising: microspheres incorporating the anti-tumor chemotherapeutic; and, a suspending solution which surrounds the microspheres. The present invention also provides a method for administering an anti-tumor chemotherapeutic to a patient having a tumor, comprising the steps of delivering the anti-tumor chemotherapeutic as a chemotherapeutic reservoir to the tumor; and, releasing the anti-tumor chemotherapeutic from the chemotherapeutic reservoir to an interstitial space of the tumor in a therapeutically effective amount, wherein, the chemotherapeutic reservoir includes microspheres incorporating the anti-tumor chemotherapeutic and a suspending solution which surrounds the microspheres.