

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number
WO 2004/014322 A2

(51) International Patent Classification⁷: **A61K**

(21) International Application Number:
PCT/US2003/025415

(22) International Filing Date: 12 August 2003 (12.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/402,968 12 August 2002 (12.08.2002) US

(71) Applicant (*for all designated States except US*): **DY-NAVAX TECHNOLOGIES CORPORATION** [US/US];
717 Potter Street, Suite 100, Berkeley, CA 94710 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **VAN NEST, Gary** [US/US]; 639 Skyline Drive, Martinez, CA 94553 (US).
TUCK, Stephen [GB/US]; 1742 Woodhaven Way, Oakland, CA 94611 (US).

(74) Agents: **ZACHOW, Karen, R.** et al.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (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: IMMUNOMODULATORY COMPOSITIONS, METHODS OF MAKING, AND METHODS OF USE THEREOF

(57) Abstract: The invention relates to new immunomodulatory compositions which comprise a cationic condensing agent, an immunomodulatory compound, and a stabilizing agent. The compositions of the invention typically form particles which have increased immunomodulatory activity as compared to immunomodulatory compounds not formulated in the compositions of the invention. Also provided are methods of making the compositions and methods for therapeutic use of the compositions.

WO 2004/014322 A2