

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

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 September 2001 (20.09.2001)

PCT

(10) International Publication Number  
**WO 01/68143 A3**

- (51) International Patent Classification<sup>7</sup>: **A61K 47/48**
- (21) International Application Number: PCT/US01/07843
- (22) International Filing Date: 12 March 2001 (12.03.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/188,557 10 March 2000 (10.03.2000) US  
09/802,376 9 March 2001 (09.03.2001) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:  
US 09/802,376 (CIP)  
Filed on 9 March 2001 (09.03.2001)
- (71) Applicant (for all designated States except US): **DY-NAVAX TECHNOLOGIES CORPORATION** [US/US]; Suite 100, 717 Potter Street, Berkeley, CA 94710 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **VAN NEST, Gary** [US/US]; 639 Skyline Dr., 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, 755 Page Mill Road, Palo Alto, CA 94304-1018 (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, 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
- (88) Date of publication of the international search report:  
16 May 2002
- 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 01/68143 A3**

(54) Title: IMMUNOMODULATORY FORMULATIONS AND METHODS FOR USE THEREOF

(57) Abstract: The invention provides new compositions and methods for immunomodulation of individuals. Immunomodulation is accomplished by administration of immunomodulatory polynucleotide/microcarrier (IMP/MC) complexes. The IMP/MC complexes may be covalently or non-covalently bound, and feature a polynucleotide comprising at least one immunostimulatory sequence bound to a nonbiodegradable microcarrier or nanocarrier.

**INTERNATIONAL SEARCH REPORT**

International Application No

PCT/US 01/07843

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 A61K47/48		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) CHEM ABS Data, EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 01 68144 A (DYNAVAX TECHNOLOGIES CORP ;NEST GARY VAN (US); TUCK STEPHEN (US)) 20 September 2001 (2001-09-20) abstract; claims	1-66
E	WO 01 68077 A (DYNAVAX TECHNOLOGIES CORP ;NEST GARY VAN (US)) 20 September 2001 (2001-09-20) page 26, line 11 -page 29, line 10; claims	1-66
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents:		
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*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *G* document member of the same patent family		
Date of the actual completion of the international search 23 January 2002		Date of mailing of the international search report 11/02/2002
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016		Authorized officer Berte, M

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 01/07843

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ROMAN, MARK ET AL: "Immunostimulatory DNA sequences function as T helper-1-promoting adjuvant"                      NAT. MED. (N. Y.) (1997), 3(8), 849-854 ,                      XP002188113                      cited in the application                      page 850, column 2, paragraph 2                      abstract</p>	1-66
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Information on patent family members

International Application No

PCT/US 01/07843

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