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

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
21 March 2002 (21.03.2002)

PCT

(10) International Publication Number
WO 02/22164 A1

(51) International Patent Classification[7]: A61K 39/00, 47/00, 47/30, A61P 37/04

(21) International Application Number: PCT/AU01/01160

(22) International Filing Date:
14 September 2001 (14.09.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

PR 0117	14 September 2000 (14.09.2000)	AU
PR 4888	10 May 2001 (10.05.2001)	AU
PR 4962	14 May 2001 (14.05.2001)	AU

(71) Applicant *(for all designated States except US)*: **THE AUSTIN RESEARCH INSTITUTE** [AU/AU]; A & RMC, Studley Road, Heidelberg, Victoria 3084 (AU).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **PLEBANSKI, Magdalena** [MX/AU], 139 Ramsden Street, Clifton Hill, Victoria 3068 (AU).

(74) Agent: **WILKIE, Julie, Margaret**; Callinan Lawrie, 711 High Street, Kew, Victoria 3101 (AU).

(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, NO, NZ, PH, 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, GQ, 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

DCS
COPY

WO 02/22164 A1

(54) Title: COMPOSITION COMPRISING IMMUNOGENIC MICROPARTICLES

(57) Abstract: The invention provides an immunogenic composition comprising at least one antigen in association with microparticles, wherein the microparticles are in the same size range as viruses. In addition the invention also provides vaccine compositions and methods of eliciting immune responses in a subject.