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(71) Applicant (for all designated States except US): MEDIM-
MUNE VACCINES, INC. [US/US]; 297 North Bernardo
Avenue, Mountain View, CA 94043 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TRUONG-LE, Vu
[US/US]; 2741 Dresser Court, Campbell, CA 95008 (US).
PHAM, Binh [US/US]; 1507 Lilac Lane, Mountain View,
CA 94043 (US).

(74) Agents: QUINE, Jonathan, Alan et al.; Quine Intellectual
Property Law Group, P.C., P.O. Box 458, Alameda, CA
94501 (US).

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(54) Title: PRESERVATION OF BIOACTIVE MATERIALS BY SPRAY DRYING

(57) Abstract: This invention provides methods and compositions to preserve bioactive materials in a matrix of powder particles. Methods provide high-pressure-gas spraying and/or near supercritical spraying of formulations followed by drying in a stream of conditioned gas to form stable powder particles containing bioactive materials.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 9/14(2006.01)
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USPC: 424/489.499.46:514/2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 424/489. 499. 46; 514/2

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 practicable, search terms used)
EAST. PUBMED, STN

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,051,526 A (PLATZ et al) 18 April 2000 (18.04.2000), entire document	1-93
Y	US 6,299,906 B1 (BAUSCH et al) 09 October 2001 (09.10.2001), entire document	1-93

Further documents are listed in the continuation of Box C.

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"P" document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Authorized officer
Ruth A. Davis
Telephone No. 571-272-1600

Facsimile No. (571) 273-3201