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(71) Applicant (for all designated States except US): **NEU-GENESIS CORPORATION** [US/US]; 849 Mitten Road, Suite 102, Burlingame, CA 94010 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **STUART, Dorsey, W.** [US/US]; 20 Bronte Street, San Francisco, CA 94110 (US). **CAMBARERI, Edward, B.** [US/US]; 833 Canada Road, Woodside, CA 94062 (US).

(74) Agents: **MULLEN, James, J., Ph., D., III** et al.; Morrison & Foerster LLP, 12531 High Bluff Drive, Suite 100, San Diego, CA 92130-2040 (US).

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(54) Title: METHODS AND COMPOSITIONS FOR COMBINATORIAL-BASED PRODUCTION OF MULTIVALENT RECOMBINANT ANTIGENS

(57) Abstract: The present invention provides methods and compositions for rapidly producing multivalent recombinant vaccines using filamentous fungal heterokaryons. The present invention relies on the use of filamentous fungal heterokaryons that are generated from combinations of two or more parent strains into which recombinant DNA molecules encoding variants of antigens derived from pathogenic organisms have been introduced. The resulting vaccines are multivalent.



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