990130-4
IPO SUBM

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 48/00 — A2

(11) International Publication Number: **WO 98/09657**

(43) International Publication Date: 12 March 1998 (12.03.98)

(21) International Application Number: PCT/US97/15692

(22) International Filing Date: 4 September 1997 (04.09.97)

(30) Priority Data:
08/708,188 — 6 September 1996 (06.09.96) — US
08/729,061 — 10 October 1996 (10.10.96) — US

(60) Parent Applications or Grants
(63) Related by Continuation
US — 08/708,188 (CIP)
Filed on — 6 September 1996 (06.09.96)
US — 08/729,061 (CIP)
Filed on — 10 October 1996 (10.10.96)

(71) Applicant *(for all designated States except US)*: TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: WILSON, James, M. [US/US]; 1350 N. Avignon Drive, Gladwyne, PA 19035 (US). FISHER, Krishna, J. [US/US]; 2338 Nashville Avenue, New Orleans, LA 70115 (US).

(74) Agents: KODROFF, Cathy, A. et al.; Howson & Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: METHOD FOR RECOMBINANT ADENO-ASSOCIATED VIRUS-DIRECTED GENE THERAPY

(57) Abstract

A method of prolonging gene expression by reducing immune response to a recombinant adeno-associated virus (AAV) bearing a desired gene administered into the muscle of a mammal is described.