



(51) International Patent Classification:

C12N 15/70 (2006.01) *C07K 14/705* (2006.01)
C12N 15/62 (2006.01) *C07K 16/28* (2006.01)
C07K 14/195 (2006.01) *A61K 39/00* (2006.01)
C07K 14/47 (2006.01) *A61K 39/02* (2006.01)
C07K 14/025 (2006.01) *A61K 39/39* (2006.01)

(21) International Application Number:

PCT/US2015/066885

(22) International Filing Date:

18 December 2015 (18.12.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/094,349	19 December 2014 (19.12.2014)	US
62/094,472	19 December 2014 (19.12.2014)	US
62/147,463	14 April 2015 (14.04.2015)	US
62/262,896	3 December 2015 (03.12.2015)	US

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- with sequence listing part of description (Rule 5.2(a))

(54) Title: COMBINATION THERAPIES WITH RECOMBINANT LISTERIA STRAINS

(57) Abstract: The disclosure is directed to compositions comprising an oncolytic virus, chimeric antigen receptor T cells (CAR T cells), a therapeutic or immunomodulating monoclonal antibody, a targeting thymidine kinase inhibitor (TKI), or an adoptively transferred cells incorporating engineered T cell receptors, and a live attenuated recombinant Listeria strain comprising a fusion protein of a Truncated LLO, a truncated ActA or a PEST-sequence peptide fused to a tumor-associated antigen. The disclosure is further directed to methods of treating, protecting against, and inducing an immune response against a tumor, comprising the step of administering the same, with or without an additional radiation therapy treatment.

