

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
10 June 2021 (10.06.2021)



(10) International Publication Number
WO 2021/113824 A1

(51) International Patent Classification:

A61K 48/00 (2006.01) *C07K 14/47* (2006.01)
A61P 25/28 (2006.01) *C12N 15/86* (2006.01)

(21) International Application Number:

PCT/US2020/063627

(22) International Filing Date:

07 December 2020 (07.12.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/943,999 05 December 2019 (05.12.2019) US
63/074,578 04 September 2020 (04.09.2020) US

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(54) Title: STABILIZATION OF RETROMER FOR THE TREATMENT OF ALZHEIMER'S DISEASE AND OTHER NEURODEGENERATIVE DISORDERS

Retromer Core Complex



Figure 1

(57) Abstract: The present disclosure relates to methods and compositions for elevating and stabilizing retromer for treating and/or preventing Alzheimer's disease and other neurodegenerative disorders. Additionally, the disclosure relates to adenoviral based therapy for treating Alzheimer's disease (AD), and other neurodegenerative conditions such as Parkinson's Disease (PD), neuronal ceroid lipofuscinosis (NCL), and transmissible spongiform encephalopathies (TSEs or prion disease), multiple system atrophy (MSA), Down's syndrome, and hereditary spastic paraplegia, as well as tauopathies such as progressive supranuclear palsy (PSP), frontotemporal lobar dementia linked to chromosome 17q21-22 and its subtypes (FTLD-17/FTLD-Tau), Lewy Body Disease (LBD), amyotrophic lateral sclerosis (ALS), frontal-temporal degeneration (FTD), ALS-FTD, and chronic traumatic encephalopathy (CTE).

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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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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))
- with sequence listing part of description (Rule 5.2(a))