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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 October 2007 (04.10.2007)

PCT

(10) International Publication Number
WO 2007/110629 A1

(51) International Patent Classification:
A61K 31/00 (2006.01) *A61P 25/16* (2006.01)
A61K 31/5415 (2006.01) *A61K 49/00* (2006.01)
A61P 25/28 (2006.01)

(21) International Application Number:
PCT/GB2007/001105

(22) International Filing Date: 28 March 2007 (28.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/786,700 29 March 2006 (29.03.2006) US

(71) Applicant *(for all designated States except US)*: **WISTA LABORATORIES LTD** [SG/SG]; 51 Ayer Rajah Crescent, #07-01/02 Singapore, Singapore 139948 (SG).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **WISCHIK, Claude, Michel** [FR/GB]; 20 The Chanonry, Old Aberdeen, Aberdeen Aberdeenshire AB24 1RQ (GB). **RICKARD, Janet, Elizabeth** [GB/GB]; 1 Donmouth Gardens, Bridge of Don, Aberdeen Aberdeenshire AB23 8DS (GB). **HARRINGTON, Charles, Robert** [GB/GB]; 59 Argyll Place, Aberdeen Aberdeenshire AB25 2HU (GB). **HORSLEY, David** [GB/GB]; 4 Denend Cottages, Udney, Ellon Aberdeenshire AB41 6RU (GB).

(74) Agents: **KREMER, Simon** et al.; Mewburn Ellis LLP, York House, 23 Kingsway, London Greater London WC2B 6HP (GB).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2007/110629 A1

(54) Title: INHIBITORS OF PROTEIN AGGREGATION

(57) Abstract: The invention relates generally to the use of diaminophenothiazine compounds to inhibit or reverse the aggregation of synuclein, and for their use in the manufacture of medicaments for this purpose (e.g. for the treatment of Parkinson's Disease). Also provided are related methods of detecting or labelling of aggregated synuclein.