

Title (en)
RAPID AND SENSITIVE DETECTION OF ABERRANT PROTEIN AGGREGATION IN NEURODEGENERATIVE DISEASES

Title (de)
SCHNELLER UND EMPFINDLICHER NACHWEIS FEHLERHAFTER PROTEINAGGREGATION BEI NEURODEGENERATIVEN ERKRANKUNGEN

Title (fr)
DETECTION RAPIDE ET EFFICACE D'UNE AGREGATION DE PROTEINES ABERRANTES DANS DES MALADIES NEURODEGENERATIVES

Publication
EP 1169646 A2 20020109 (EN)

Application
EP 00913266 A 20000125

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- US 15593799 P 19990924

Abstract (en)
[origin: WO0043791A2] Methods, assays, and components are described in which biological samples can be rapidly and sensitively analyzed for the presence of species associated with neurodegenerative disease. Techniques and components are provided for diagnosis of disease, as well as for screening of candidate drugs for treatment of neurodegenerative disease. The techniques are simple, extremely sensitive, and utilize readily-available components. Binding species, capable of binding a neurodegenerative disease aggregate-forming or fibril-forming species, are fastened to surfaces of electrodes and surfaces of particles, or provided free in solution, to bind fibril-forming species and/or be involved in aggregation.

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Citation (search report)
See references of WO 0043791A2

Citation (examination)

- WO 9829727 A2 19980709 - STEPHON ROBERT L [US]
- US 5705402 A 19980106 - LELAND JONATHAN K [US], et al
- WO 9812539 A1 19980326 - MESO SCALE TECHNOLOGIES LLC [US]

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