Screening a neuroactive drug library to identify new treatments for Parkinson's

https://neurodegenerationresearch.eu/survey/screening-a-neuroactive-drug-library-to-identify-new-treatments-for-parkinsons/

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Contact information of lead PI
Country

United Kingdom

Title of project or programme

Screening a neuroactive drug library to identify new treatments for Parkinson's

Source of funding information

Parkinson's UK

Total sum awarded (Euro)

€ 46,985

Start date of award

01/11/2015

Total duration of award in years

1

Keywords
Research Abstract
he drug company, Takeda has compiled an in-house multi-drug class library of 1000 novel compounds that cross the blood-brain-barrier. These unique drugs cannot be obtained elsewhere and are available to us through an existing collaboration with Takeda. Significantly, we will use this library in a high-throughput screen of mitochondrial function to identify drugs that are neuroprotective.
Promising therapeutic compounds will then be tested further using a dopaminergic neuron model of mitochondrial dysfunction and Parkinson's disease.
This work is hence innovative, as it will screen a unique library to identify a drug and/or a class

of drugs that that could ultimately be developed to protect against the loss of dopaminergic neurons associated with PD.

Further information available at:

Types:
Investments < €500k

Member States:
United Kingdom

Diseases:
N/A

Years:
2016

Database Categories:
N/A

Database Tags:
N/A