Oxford Parkinson Disease Centre (University of Oxford)

https://neurodegenerationresearch.eu/survey/oxford-parkinson-disease-centre-university-of-oxford/

Name of Resource

Oxford Parkinson Disease Centre (University of Oxford)

Name of Principal Investigator - Title

Prof

Name of Principal Investigator - First name

Richard

Name of Principal Investigator - Last name

Wade-Martins

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University of Oxford

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Country

United Kingdom

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Summary

BAC trangsenic mouse and rat lines carrying wild-type or mutant variants of SNCA and LRRK2; human iPSC lines carrying mutations in SNCA, LRRK2, GBA and sporadic PD, plus controls

Q1a. Please indicate below if your cohort includes or expects to include, incidence of the following conditions? (1)

Parkinson's disease & PD-related disorders

Q1b. Does your resource hold

Animals| Induced Pluripotent Stem Cells (iPSC)

Q2a. Does the resource act as a centre for access and distribution to external groups (who are not the Principal Investigators (PI) for the resource)?

Yes

Q2b. If Yes, what procedures and rules apply for access?

Apply to PI or co-ordinator at resource|Access through collaboration with PI only| Access independent of collaboration with PI| Local/ regional access| National access| International access| Charge for retrieval

Q3a. Does your resource develop experimental models (animal/cell) for external groups?

No

Q3b. If YES and your resource is related to an ANIMAL model, what types of models are provided?
Q3c. If YES and your resource is related to a CELL model, what types of models are provided?
Q4a. Is this activity supported as:

Not applicable

Q4b. Do you deposit what you supply in any kind of central repository?
Disease

PD | PD| PD

Species

Mouse| Mouse| Rat

Available to external user

Yes through JAX| Yes Through Jax| Yes through www.rrc.us/

Full phenotypic character

Published PMID24082145| Published PMID 24121116| Published PMID 26744332

Please indicate the phenotypes

Published| Published| Published

List of genotypes or other subtypes

SNCA-OVX| SNCA-A30P| LRRK2-WT, LRRK2-G2019S, LRRK2-R1441C

Q5b. Cognitive function, No of models
Q5b. Cognitive function, Available to external users
Q5b. Cognitive function, Full phenotypic characterisation
Q5b. Cognitive function, Nature of phenotype
Q5b. Motor function, No of models
Q5b. Motor function, Available to external users
Q5b. Motor function, Full phenotypic characterisation
Q5b. Motor function, Nature of phenotype
Q5b. Physiological function, no of models
Q5b. Physiological function, Available to external users
Q5b. Physiological function, Full phenotypic characterisation
Q5b. Physiological function, Nature of phenotype
Q5b. Other function (please specify), no of models
Please specify other function
Q5b. Other function (please specify), Available to external users
Q5b. Other function (please specify), Full phenotypic characterisation
Q5b. Other function (please specify), Nature of phenotype
Q6. Please indicate if your resource is already linked into European or international consortia or networks?
Q7a. Is maintenance of this resource dependent on continued funding?
Q7b. If yes, when does the current funding period end?
Q7c. What is the expected lifespan of the resource (in years)?
Q7d. Are there other plans affecting future use that it may be useful to know?

Types:
Experimental Models

Member States:
United Kingdom

Diseases:
N/A

Years:
2016

Database Categories:
N/A

Database Tags:
N/A