

# Oxford Parkinson Disease Centre (University of Oxford)

<https://www.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

## **Address of institution -Institution**

University of Oxford

## **Address of institution - Street address**

South Parks Road

## **Address of institution - City**

Oxford

## **Address of institution - Postcode**

OX1 3QX

## **Country**

United Kingdom

## **Website**

[www.opdc.ox.ac.uk](http://www.opdc.ox.ac.uk)

## **Contact email**

[email protected]

## **Summary**

BAC transgenic 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/](http://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