BRAINS Unit, Lund University

https://neurodegenerationresearch.eu/survey/brains-unit-lund-university/

Name of resource

BRAINS Unit, Lund University

Name of Principal Investigator

Title   Professor

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Summary

We run a small vector production facility that makes high quality AAV vectors that we use to develop animal models of PD and HD.

1a. The resource holds animal models relevant to the study of the following neurodegenerative diseases
Parkinson's disease
Huntington's disease
1b. The resource holds:
Animals
Frozen embryos
Genetic material (DNA, RNA, vectors etc)
2a. The resource acts as a centre for access and distribution to external groups (who are not the PIs of the resource)
2b. Procedures and rules for access
Access through collaboration with PI only
3a. Does the resource develop animal models for external groups

1

3b. Types of models provided

4a This activity is supported as:
Independent of collaboration
4b. The supplied material deposited in a central repository

1

5a Disease models available

Disease	Species	Available to external user (Y/N)	Full phenotypic character (Y/N or partial)	Phenotypes	Genotypes or other subtypes
PD	rat, mouse, primate	partial	partial	DA cell loss	alpha-synuclein
HD	rat, mouse	partial	partial	metabolic dysfunction	huntingtin

5b. Other models/phenotypes available through the resource relevant to neurodegenerative conditions

No. of models	Available to external users	Full phenotypic characterisation available (Y/N or partial)	Nature of phenotype
1	partial	partial	behavior and pathology
2	partial	partial	behavior and pathology

6. European or international consortia or networks to which the resource is linked

Jackson Laboratories, USAInternational mouse knockout consortium

Neugene
MEFOPA
Neurasyn

7a. Maintenance of the resource is dependent on continued funding

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7b. End date of current funding period

2012-13

7c. Expected lifespan of the resource (in years)

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