

Galway Neuroscience Cluster

<https://www.neurodegenerationresearch.eu/survey/galway-neuroscience-cluster/>

Name of resource

Galway Neuroscience Cluster

Name of Principal Investigator

Title Dr

First name David

Last name Finn

Address of institution where award is held

Institution National University of Ireland, Galway

Street Address Pharmacology and Therapeutics, University Road

City Galway

Postcode Eire

Country

Ireland

Website

<http://ncbes.nuigalway.ie/neuroscience.aspx>

Contact email

Summary

1a. The resource holds animal models relevant to the study of the following neurodegenerative diseases

Parkinson's disease

Neurodegenerative disease in general

1b. The resource holds:

Animals

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

Apply to PI or co-ordinator at resource

Access through collaboration with PI only

Other requirements exist

3a. Does the resource develop animal models for external groups

2

3b. Types of models provided

Genetically modified

Chemical (e.g. ENU or radiation for mouse)

4a This activity is supported as:

A collaboration

5a Disease models available

Disease	Species	Available to external user (Y/N)	Full phenotypic character (Y/N or partial)	Phenotypes	Genotypes or other subtypes
rat	Y	Y	motor impairment; nigro-striatal neurodegeneration		

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
4	Y	Y	Morris water maze; novel object recognition; T-maze; passive avoidance
2	Y	Y	Automated home cage and novel arena locomotor monitoring systems
1	Y	Y	In vivo microdialysis
neuroimmune signalling and pain	Y	Y	

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

1

7b. End date of current funding period

N/A

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

10