Galway Neuroscience Cluster

https://neurodegenerationresearch.eu/survey/galway-neuroscience-cluster/

Name of resource

Galway Neuroscience Cluster

Name of Principal Investigator

Title   Dr

First name David

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Address of institution where award is held

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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

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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

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7b. End date of current funding period

N/A

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

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