

A.I. Virtanen Institute/ Biocenter Kuopio, University of Eastern Finland

<https://neurodegenerationresearch.eu/survey/a-i-virtanen-institute-biocenter-kuopio-university-of-eastern-finland/>

Name of resource

A.I. Virtanen Institute/ Biocenter Kuopio, University of Eastern Finland

Name of Principal Investigator

Title Professor

First name Jari

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Address of institution where award is held

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Summary

All models are available for academic research, most of them also for sponsored research

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

Alzheimer's disease and other dementias

Motor neurone diseases

Parkinson's disease

Huntington's disease

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 independent of collaboration with PI

International access

Access to industry

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

2

3b. Types of models provided

Wild type

Genetically modified

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
AD	Mouse	Y	Partial	Tau aggregation, neuronal loss, learning deficits	
PD	C.elegans	Y	Partial	Degeneration of dopaminergic neurons, motor impairment	
ALS	Mouse	Y	Y	Motor impairment	

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
2	Y	partial	AD tau pathology
2	Y	Y	Specific neurodegeneration, motor impairment

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

2

7b. End date of current funding period

2012

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

10