

BIOTERIO – Centre for Neuroscience and Cell Biology, FMUC

<https://www.neurodegenerationresearch.eu/survey/bioterio-centre-for-neuroscience-and-cell-biology-fmuc/>

Name of resource

BIOTERIO – Centre for Neuroscience and Cell Biology, FMUC

Name of Principal Investigator

Title Dr/Dr

First name

Last name Pereira/Rego

Address of institution where award is held

Institution Center for Neuroscience and Cell Biology (CNC) – Univ Coimbra

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City Coimbra

Postcode 3004-517

Country

Portugal

Website

<http://www.cnbc.pt/>

Contact email

Summary

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

Alzheimer's disease and other dementias

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 through collaboration with PI only

Applicant needs to provide separate external ethics approval

Other requirements exist

National access

International access

Other requirements exist

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

1

3b. Types of models provided

Not applicable

4a This activity is supported as:

Not applicable

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	N	Y	Cognitive deficits, senile plaques, neurofibrillary tangles, synaptic loss in cerebral cortex and hippocampus	3xTg-AD (human mutant APP, PS1, tau)-background C57BL x 129sv	Mouse
YAC mouse model of HD expressing full-length human mutant huntingtin with 128 glutamines (YAC128, lines HD55 and HD53)	HD	Mouse	Y	Y	Hyperkinetic phenotype first manifested, followed by progressive motor deficits and age-dependent striatal neurodegeneration

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

2

7b. End date of current funding period

2013

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

10

7d. Other plans affecting future use

In one year more space available for production of new mice models colonies.

In three years probably a new facility.