

TgF344-AD (University College Cork)

<https://neurodegenerationresearch.eu/survey/tgf344-ad-university-college-cork/>

Name of Resource

TgF344-AD (University College Cork)

Name of Principal Investigator - Title

Dr

Name of Principal Investigator - First name

Mark

Name of Principal Investigator - Last name

Rae

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University College Cork

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Ireland

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Summary

Rat model of AD (TgF344-AD), which expresses the mutant human transgenes: amyloid precursor protein (APP^{sw}) and presenilin 1 (PS1^{E9}).

Q1a. Please indicate below if your cohort includes or expects to include, incidence of the following conditions? (1)

Alzheimer's disease & other dementias

Q1b. Does your resource hold

Animals

Q2a. Does the resource act as a centre for access and distribution to external groups (who are not the Principal Investigators (PI) for the resource)?

Yes

Q2b. If Yes, what procedures and rules apply for access?

Apply to PI or co-ordinator at resource| Access through collaboration with PI only| National access| International Access| Applicant needs to provide separate external ethics approval| Other requirements exist

Q3a. Does your resource develop experimental models (animal/cell) for external groups?

No

Q3b. If YES and your resource is related to an ANIMAL model, what types of models are provided?

Wild type| Genetically Modified

Q3c. If YES and your resource is related to a CELL model, what types of models are provided?

Q4a. Is this activity supported as:

Independent of collaboration

Q4b. Do you deposit what you supply in any kind of central repository?

No

Disease

AD

Species

Rat

Available to external user

Yes, but with specifications

Full phenotypic character

F344 rat expressing PS1 (delta E9) and APPswe mutations

Please indicate the phenotypes

See Cohen et al., (2013). J. Neurosci. 33(15), 6245

List of genotypes or other subtypes

Q5b. Cognitive function, No of models

Q5b. Cognitive function, Available to external users

Q5b. Cognitive function, Full phenotypic characterisation

Q5b. Cognitive function, Nature of phenotype

Q5b. Motor function, No of models

Q5b. Motor function, Available to external users

Q5b. Motor function, Full phenotypic characterisation

Q5b. Motor function, Nature of phenotype

Q5b. Physiological function, no of models

Q5b. Physiological function, Available to external users

Q5b. Physiological function, Full phenotypic characterisation

Q5b. Physiological function, Nature of phenotype

Q5b. Other function (please specify), no of models

Please specify other function

Q5b. Other function (please specify), Available to external users

Q5b. Other function (please specify), Full phenotypic characterisation

Q5b. Other function (please specify), Nature of phenotype

Q6. Please indicate if your resource is already linked into European or international consortia or networks?

EBiSC| StemBANCC

Q7a. Is maintenance of this resource dependent on continued funding?

Yes

Q7b. If yes, when does the current funding period end?

2017

Q7c. What is the expected lifespan of the resource (in years)?

Indefinite, if storage funded

Q7d. Are there other plans affecting future use that it may be useful to know?

StemBANCC sustainability award application

Types:

Experimental Models

Member States:

Ireland

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

N/A