Multicenter neuroimaging platform

Name of Resource (to include any acronym)

CATI

**Question
Related
Name of Resource**

Multicenter neuroimaging platform

Name of Principal Investigator - Title

Dr

Name of Principal Investigator - First Name

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Address of institution - City

Gif-sur-Yvette

Address of institution - Postcode

91191

Country

France

Website

/http://cati-neuroimaging.com

Contact email

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Purpose of resource

CATI is a service platform supporting more than 30 multicenter neuroimaging studies in the fields of neurodegenerative diseases and psychiatry (AD, Parkinson, Huntington, ALS, Bipolar, etc.) including several therapeutic trials. The platform has been founded in 2011 to aggregate the numerous French expertises in the domain in order to turn multicenter neuroimaging accessible to any projects at a reasonable cost. Building upon a large network of harmonized imaging facilities, the platform monitors acquisitions and performs centralized image analysis from a wide portfolio covering most of the MRI/PET/SPECT modalities. A machine learning service targetting biomarkers can be provided on demand following the needs. Raw data and analyses are delivered through a web service to the study's consortium according to the requests of the PI. Thanks to the harmonization of imaging acquisitions and analyses across studies and pathologies, the platform fosters collaborations in order to speed-up the emergence of research projects at the scale of big data.

Q1. Is the resource?

Designed for use in clinical neurosciences research

Please Specify
Q2. Does the resource specifically provide for any of the neurodegenerative diseases/disease subtypes specified below?

Alzheimer's disease and other dementias|Motor neurone disease|Parkinson's disease|Huntington's disease|Neurodegenerative disease in general

Q3a. Is the resource accessible to the research community?

Yes

Q3b. If yes, what procedures and rules apply for access?

Apply to PI or coordinator at resource|National access|International access

Q4a. What type of data is provided?

Brain atlas|MRI or other clinical in vivo neuroimaging in humans|Positron Emission Tomography (PET) in humans

Please describe
Q4b. More generally are there other data available through the resource that you think may be useful to researchers in the context of the above conditions?
Please describe
Q5a. Is maintenance of this resource dependent on continued funding?

Yes

Q5b. If yes, when does the current funding period end?

2019

Q5c. Are there plans to secure further funding beyond this period?

Yes

If YES please specify for how long in years
Q5d. What is the expected lifespan of the resource (in years)?

We target a self-sustainable platform

Q5e. Are there other plans affecting future use that it may be useful to know?

sustainability depends on the success of a pay for service business model

Types:
Bio/Neuroinformatic Resources

Member States:
France

Diseases:
Alzheimer's disease & other dementias, Huntington's disease, Motor neurone diseases, Neurodegenerative disease in general, Parkinson's disease & PD-related disorders

Years:
2016

Database Categories:
N/A

Database Tags:
N/A