

Cerebral imagery and neurologic handicap, Inserm 825

<https://neurodegenerationresearch.eu/survey/title-of-pi-cerebral-imagery-and-neurologic-handicap-inserm-825/>

Title of COE

Title of PI Cerebral imagery and neurologic handicap, Inserm 825

Mission of COE

Focus 1 : Development of neuroimaging tools for clinical, cognitive brain research and ultimately clinical practice used: Imaging markers of brain macrostructural and microstructural alterations and connectivity and Imaging markers of brain dysfunction and therapeutic efficiency

– Implementation of a multimodal imaging approach based on anatomical MRI, DTI, iron-MRI and connectivity measures in patient and aged controls.

– Development of innovative radiopharmaceuticals probes coupled with sensitive image analysis tools such as independent component analysis and support vector methods for assessing kinetic uptake in patients, as well as to develop clinically-effective MRSI and MR contrast agents.

Director

Title Professor

First name Pierre

Last name Celsis

COE Principal Investigators

Title	First name	Last name
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Professor	Pierre	Celsis
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Research Director		Demonet
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Address of institution where award is held

Institution

Street Address CHU Purpan

City Toulouse

Postcode 31059

Country

France

Date that the CoE was established

01-01-2011

If it has specific relevance to a neurodegenerative disease please select up to three of the following

Alzheimer's disease and other dementias

Start date for current core award

01-01-2011

Duration of current core award (months)

48

Funding amount of current core award (Euro)

0

Website address

<http://www.u825.toulouse.inserm.fr/>