

## Papers in progress

Journal	Title	1st author <small>*equally contributing authors</small>	Last author	Status
PLOS Medicine	Development and validation of CSF cut-offs to predict progression in mild cognitive impairment by APOEε4 carrier status: the PharmaCog/European ADNI study	Marizzoni M	Frisoni GB	Minor revision
Journal of Alzheimer's Disease (JAD)	Predicting and tracking short term disease progression in aMCI patients with prodromal AD: structural brain biomarkers	Marizzoni M	Frisoni GB	Submitted on Feb 12th
Journal of Alzheimer's Disease (JAD)	Two-year longitudinal monitoring of amnesic mild cognitive impairment patients with prodromal Alzheimer's disease using topographical biomarkers derived from functional magnetic resonance imaging and electroencephalographic activity	Jovicich J*, Babiloni C*	Frisoni GB	Submitted on Feb 14th
Journal of Alzheimer's Disease (JAD)	Assessment of plasma amyloid-beta peptides and clusterin as potential biomarkers of amnesic mild cognitive impairment patients with prodromal Alzheimer's disease: evidence from the PharmaCog study	Albani D	Frisoni GB	To be submitted by the end of March
Journal of Alzheimer's Disease (JAD)	Biomarker matrices to diagnose and track short term disease progression in aMCI patients with prodromal AD	Marizzoni M	Frisoni GB	To be submitted by the end of March
TBD	miR-146a and miR-181a are potential biomarkers for the progression of mild cognitive impairment to Alzheimer's disease	Ansari A	Bocchio L	In preparation

# Dissemination

Journal	Title	Status	Author
Neurobiology of Aging	<b>Relationship between cognitive function, hippocampal volume and CSF biomarkers</b> Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI).	Published May 2017	Nathan et al.
Human Brain Mapping	<b>Reproducibility of multicentre DTI</b> Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects.	Published Jan 2017	Albi et al.
Human Brain Mapping	<b>Reproducibility of multicentre rs-fMRI</b> Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques.	Published Jun 2016	Marchitelli et al.
J Intern Med.	<b>Description of clinical, npsy, and biomarker features at baseline</b> Clinical and biomarker profiling of prodromal Alzheimer's disease in workpackage 5 of the Innovative Medicines Initiative PharmaCog project: a 'European ADNI study'.	Published Jun 2016	Galluzzi et al.
NeuroImage	<b>Reproducibility of multicentre rs-fMRI</b> Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: a multicentric resting-state fMRI study	Published Jan 2016	Jovicich et al.

# Dissemination

Journal	Title	Status	Author
Human Brain Mapping	<b>Reproducibility of multicentre automated hippo subfields segmentation</b> Longitudinal reproducibility of automatically segmented hippocampal subfields: a multi-site European 3T study on healthy elderly	Published Sep 2015	Marizzoni et al.
Neurobiology of Aging	<b>Structural markers of progression in murine models</b> Striatum and entorhinal cortex common neuropathological targets in Alzheimer's disease mouse models	Published Feb 2015	Micotti et al.
NeuroImage	<b>Reproducibility of multicentre DTI</b> Multisite Longitudinal Reliability of Tract-Based Spatial Statistics in Diffusion Tensor Imaging of Healthy Elderly Subjects	Published Nov 2014	Jovicich et al.
NeuroImage	<b>Reproducibility of multicentre structural MRI</b> Brain morphometry reproducibility in multi-center 3T MRI studies: A comparison of cross-sectional and longitudinal segmentations	Published Dec 2013	Jovicich et al.
Drug Discovery Today: Therapeutic Strategies	<b>PharmaCog concept of parallel clinical-preclinical validation of markers of progression</b> A new paradigm for testing AD drugs – neuroimaging biomarkers as surrogate outcomes homologous in animals and humans	Published Oct 2014	Marizzoni et al.
Journal of Alzheimer's Disease	<b>Review of disease tracking markers for AD</b> Disease tracking markers for Alzheimer's disease at the prodromal (MCI) stage	Published Aug 2011	Drago et al.

## Recruitment process

---

---

- ❑ We currently have **12** sites enrolling and **510 research participants screened**, of which **465** are currently enrolled. More sites are to come (Brescia in Italy – Lausanne in Switzerland). We have opened several new Trial Delivery Centres (TDC) in recent weeks, the most recent being Aberdeen in Scotland. We expect two more in France meaning that we should have 30 TDC opened by the middle of spring. Each site is improving recruitment but we need to keep the momentum. However, we reached a big milestone with **500 participants screened**. The next milestone will be 1'000 participants by the end of May 2018.
- ❑ Spain is still setting the pace for recruitment with France close behind.



# Enrolment report: 02 March 2018

Site	Site Group	Status	# subjects
BBRC	Spain/Portugal	Early Termination	8
BBRC	Spain/Portugal	Screen Failure	5
BBRC	Spain/Portugal	Screened	133
CHUT	France	Early Termination	4
CHUT	France	Screen Failure	5
CHUT	France	Screened	72
CITA	Spain/Portugal	Screen Failure	1
CITA	Spain/Portugal	Screened	77
KI	Nordics	Screened	12
MONTPELLIER	France	Early Termination	1
MONTPELLIER	France	Screened	17



# Enrolment report: 02 March 2018

Site	Site Group	Status	# subjects
LILLE	France	Screened	5
NANTES	France	Screened	5
TAYSIDE	Scotland/ROI	Screened	3
UEDIN	Scotland/ROI	Early Termination	10
UEDIN	Scotland/ROI	Screen Failure	3
UEDIN	Scotland/ROI	Screened	54
UNIGE	Switzerland/Italy/Greece	Screened	5
UOXF	England/Wales	Screened	1
VUMC	Benelux	Screen Failure	8
VUMC	Benelux	Screened	81
<b>Total</b>			<b>510</b>



# Enrolment report: 02 March 2018

- Enrolment graph

