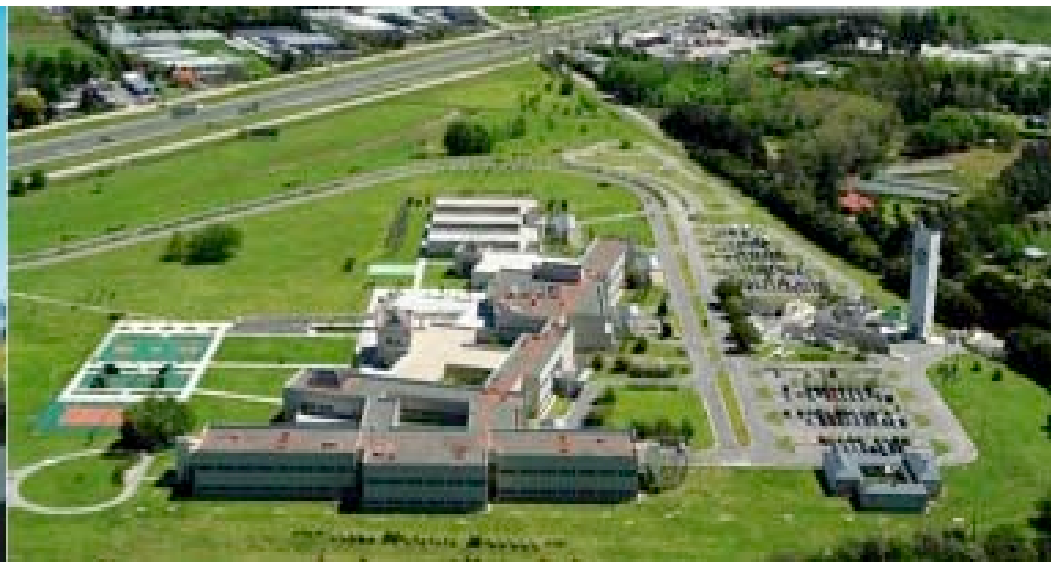
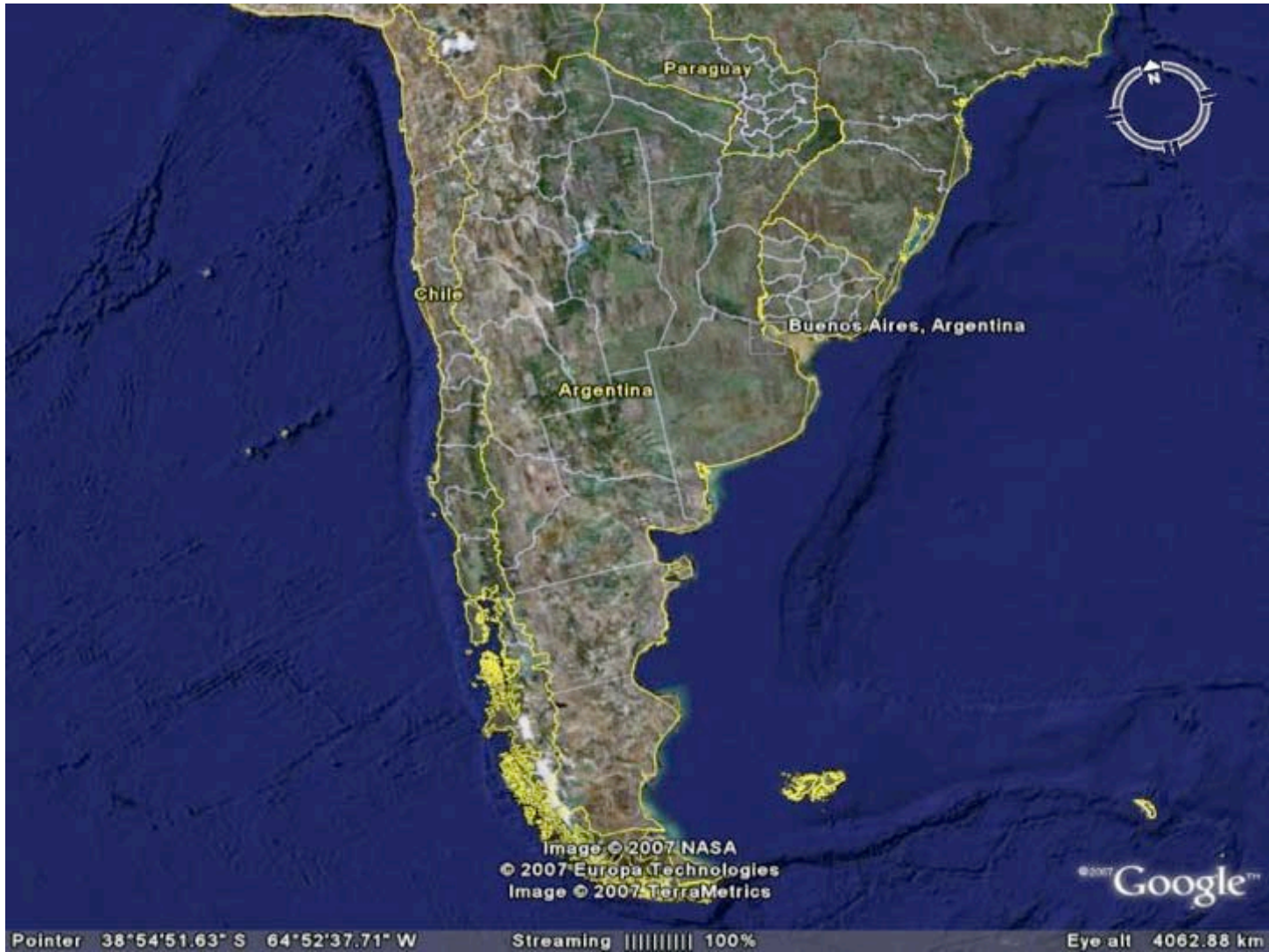


# FLENI

Fundación de Lucha contra las  
Enfermedades Neurológicas  
de la Infancia







FLENI Escobar



FLENI Belgrano



Aeroparque Jorge Newbery



Karl Storz Buenos Aires

**FLENI has two Centre:**

**Belgrano Centre**

**Escobar Centre**



Ezeiza Ministro Pistarini

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Image © 2007 TerraMetrics





FLENI Belgrano



**Belgrano Centre, located in Buenos Aires City, has two eleven-story buildings connected by skybridges. These facilities meet top international standards in technology, service and comfort**

Image © 2007 DigitalGlobe  
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Google





**Escobar Centre, the FLENI's Rehabilitation and Education Therapy Center, is the unique rehabilitation healthcare center of its kind in Latin America**

FLENI Escobar

Image © 2007 DigitalGlobe

© 2007 Google

Pointer 34°19'55.65" S 58°49'28.46" W

Streaming ||||| 100%

Eye alt 1.26 km





Image © 2011 GeoEye  
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# ADNI II

## RADIOLOGY DEPARTMENT

- 3 T MRI Hdx GE
- PET/CT Light Speed 690 GE
- Cyclotron PET trace 8 GE
- Radiopharmaceutical Lab GMP

# ARGENTINA NEUROCOGNITIVE SECTION

- **Neurologists**

- Ricardo Allegri
- Jorge Campos
- Alejandra Amengual
- Eliana Roldán

- **Psychiatrists**

- Griselda Russo
- Pablo Bagnati
- Salvador Guinjoan

- **Psychologists**

- María Eugenia Martín
- Valeria Grondona
- Florencia Clarens
- Lucía Crivelli
- Elisa Smyth
- Gabriela Kuzis

- **Speech therapists**

- Liliana Sabe
- Cristina Medina
- Agustina García Cuerva
- Victoria Uribelarrea
- Mónica Feldman



## Radiology

- Dra. Silvia Vazquez
- Lic. Esteban Obenaus ,  
RF
- Bio. German Falasco
- Lic. Leandro Urrutia,  
Physicist

## Biomarkers/ Pathology

- Dr. Gustavo Sevlever
- Dr. Horacio Martinetto
- Dr. Ezequiel Surace
- Epidemiology
- Dr. Deborah Gustafson

Argentina has the greatest percentage of at-risk individuals, those age 65 years and older, in South America.

According to the World Health Organization, ischemic heart disease (12%), cerebrovascular disease (8%), and diabetes mellitus (3%) are of the Top 5 leading causes of death in Argentina.



On February 7, 2011, the Argentine Ministry of Science agreed to complement support of Argentina ADNI and create and support future national Argentine initiatives for AD research.

In addition, the ADNI protocol received Institutional Review Board approval at FLENI on February 10, 2011

- We propose to establish an Argentine Alzheimer's Disease Neuroimaging Initiative (ADNI) site in Buenos Aires, to be part of World Wide ADNI (WW ADNI).



We propose to recruit 60 Argentine adults, age 55-90 (inclusive) years, over a three year period.  
15 healthy, 30 MCI, 15 AD

This sample will comprise part of the baseline for a larger Argentina ADNI 2 cohort of 300.

**We propose the following timeline:**

**Year 1**

30 MCI  
15 Mild AD  
15 Normals

**Year 2**

Follow-up  
3 convert to dementia  
from year 1

**Year 3**

Follow-up  
6 convert to dementia from year 1



# Progress to Date

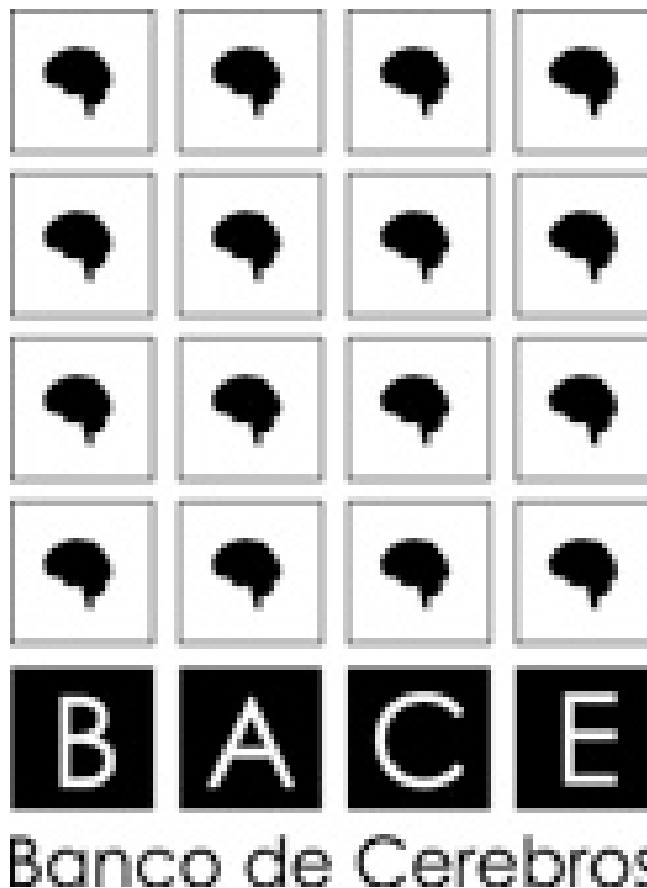
## Argentina ADNI (Arg-ADNI)

<b>ADNI Activity</b>	<b>Progress to Date</b>	<b>Issues</b>
IRB approval	Approved 1/1/2011	
Patient Population	In place	Selection/recruitment of controls
Neurocognitive Assessments	In place	
Clinical MCI/AD evaluation	In place	
Lumbar puncture	In place	Accomplished on N=26 (pilot of ADNI procedure)
CSF biomarkers	Kits at FLENI; biomarkers have been measured on N=20 AD cases	
CSF Biomarkers QC	Contacts made for inclusion in QC program	
Blood sampling/biomarkers	In place	

# Progress to Date

## Argentina-ADNI (Arg-ADNI)

<b>ADNI Activity</b>	<b>Progress to Date</b>	<b>Issues</b>
Phantom	At customs	
Imaging: 3T MRI, PET/,CT, Cyclotron (in house)	In place	AV-45 question
Brain bank	In place	
Site registration	Not done	
Online data submission	Not begun	Discussed today at ADNI mtg.
Local data analyses	Data base being created	
Ministry of Science	Possibility of funding	
Alzheimer's Association IIRG	Grant submitted Feb 2011	



## Brain Bank.

Banco de Cerebros

FLENI houses the only brain bank in South America. ADNI participants will be asked to consent brain donation at the time of death.



# Brain banking: opportunities, challenges and meaning for the future

Kretzschmar

Nature Reviews Neuroscience 10, 70-78 (January 2009)



Nature Reviews | Neuroscience



