



## ABOUT INSTITUTO LELOIR

- Fundacion Instituto Leloir (FIL) is a Private Non for Profit Organization devoted to scientific research and teaching in biochemistry, cellular and molecular biology.
- Strong links with the National Council for Scientific and Technological Research (CONICET), and the National Universities of Buenos Aires, Quilmes and San Martin.
- Strong leadership in the production of scientific knowledge in Argentina and Latin America.



## FIL AND THE NOBEL PRIZES

- FIL (then Fundacion Campomar) was created in 1947 through the advice of Bernardo Houssay (Nobel Prize winner in Medicine 1947) and the initial philanthropic support of Argentine industrialist Jaime Campomar
- Led by the 1970-Nobel Prize winner Luis F. Leloir until his death
- Cesar Milstein (Nobel Prize winner in 1984) was part of the External Advisory Board of our institute for more than 20 years



1947

## THE PRESENT

- 23 research groups (200 scientists and technicians)
- International Peer Review (since 2001 every 3 years)
- International Calls for repatriation of 9 Argentine researchers (2000-2004-2006)
- 104 scientific articles published between 2004 and 2006 in high impact journals (Average IF=5.42).
- Our own 6500m<sup>2</sup> building and additional 3.000m<sup>2</sup> in progress
- Creation of a Technology Transfer Office (INIS Biotech SA)



## FAST FACTS

- National and International awards and recognitions to our investigators
- 40 PhD thesis performed at FIL from 2001 to 2007
- Funding from national and international organizations: Howard Hughes Medical Institute, Wellcome Trust, NIH, European Union, National Agency for Support of Science and Technology, and others



## RESEARCH FIELDS

- Neurobiology
- Cell Biology
- Gene Therapy
- Structural Biology
- Oncology
- Bacterial, viral and parasitic diseases
- Plant Biology
- Glycobiology



## Technology Transfer

2006  
Creation of INIS Biotech S.A.



## INIS Biotech: Vision and Mission

Inis Biotech is the technology transfer arm of Leloir Institute

Inis Biotech encourages the creation of new technology based companies and licensing of intellectual property

Inis Biotech works in partnership with the public and private sectors.

*OUR MISSION IS TO  
TURN THE RESULTS OF  
SCIENTIFIC RESEARCH  
OF LELOIR INSTITUTE  
INTO USEFUL  
APPLICATIONS FOR  
THE SOCIETY*



## Inis Biotech: Strategies

OUR MISSION: Identify, protect, commercialize

OUR STRATEGY

IP and licensing    Services for industry    Services for Researchers    Start ups



## IP and licensing

- Management of IP portfolio + IP Guidelines
- IP protection
- Seeking commercialisation and licensing opportunities

3 new patent filing in Argentina + PCT

(2 already licensed to private sector)



## Services for researchers


- Microarrays services  
Partnership with a Microarray company
- Research tools
- Antibody production  
Creation of a MAbs facility



## Services for Industry

- Know how transfer - Biotech developments  
6 Agreements leading to the creation of 3 new start ups
- Research tools
- Preclinical studies






**New Start ups in Biotechnology**

**Partnerships\* and Incubation**

- 1 gene therapy company
- 1 vaccine company (Inmunova)
- 1 Phytotherapeutics (BioAntart-K\*\*)
- 1 Genomics and Proteomics Diagnostics company
- 1 Stem cell company

**Center for  
Biotechnological  
Development  
(CBD)**

\* Business Strategy: INIS as a partner. FIL's scientist on the project  
\*\* Partnership FIL-INIS with 2 companies from Chile.

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**Center for Biotechnological development (CBD)**

- 400 m2 Area
- Private (FIL)+ public funding: aprox. 500 K USD
- Building started mid 2007- Opening expected for mid 2008
- Housing of new start ups providing access to FIL's infrastructure (US\$ 20 Million USD in equipment and reseach facilities)

• OUR DEVELOPMENTS FOLLOW THE NEW ARGENTINEAN GOVERNMENT'S POLICIES IN SCIENCE AND TECHNOLOGY

**Funding from Public sector (Min CyT)**  
**3 PICT Start Ups, ANRs (R+D, patents), PAE, FAN, Government Grant for CBD**

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From dreams to plans (2005-2007) → From plans to reality (2008 - )









**Center for Biotechnological development**


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*“Debemos tener en cuenta que nuestra velocidad de progreso es inferior a la de los países adelantados. De modo que la diferencia de desarrollo se hace cada vez mas grande. **Si seguimos así quedaremos subordinados y dependientes para cualquier adelanto tecnológico, y esta es una situación económica y política muy peligrosa**”*

1979, Luis F. Leloir

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