

Institut Pasteur de Montevideo

2023 Executive Summary

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Mission of the Institut Pasteur de Montevideo: 2006

1. A new institute equipped with world-class research infrastructures to carry out **curiosity-driven science in biomedicine** (“one health”) of the highest quality achievable, with “**state of the art**” **technological platforms** and to become a **regional reference center with strong collaboration with other institutions**
2. To repatriate talented young researchers
3. Join the **Pasteur Network** (Pasteur Network, 33 institutes)
4. **Science that changes the future: Today's Research For Tomorrow's Cures**

How to achieve our mission?

- 3 flagship programs:

1. A new institute equipped with world-class research infrastructures ✓ **Keep on**
2. Groups of Young Researchers Group Leaders (G5) and to keep incorporating and promoting young talents ✓ **Keep on**
3. **Lab+ Company Builder:** A space to valorize knowledge (our knowledge), by creating and developing scientific-based startups **Ongoing**

New technology acquired (2023): ~ USD 1.1 M



Chromium X Series

A new era of single cell analysis



Attune™ NxT Flow Cytometer



Seahorse XFe Pro Analyzer



4D-Nucleofector®



**Orbitrap Exploris™
240 Mass Spectrometer**

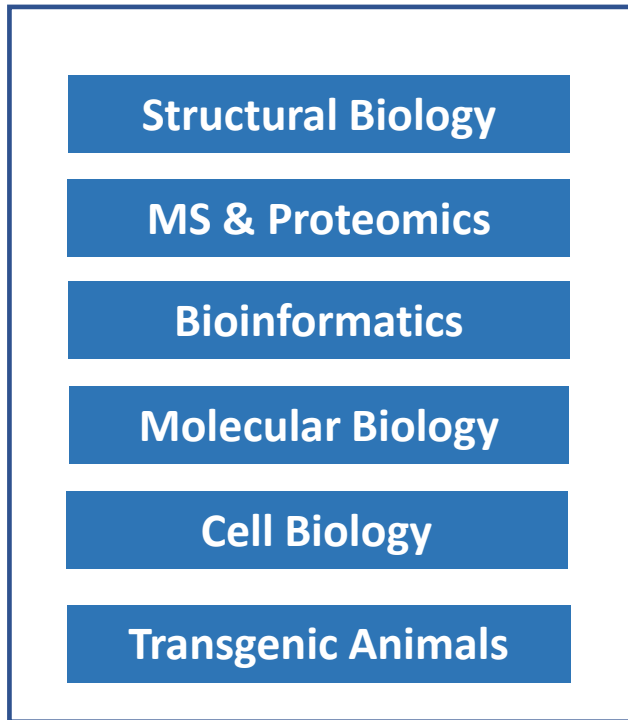


Biacore T200



Ventilated Racks & Cages

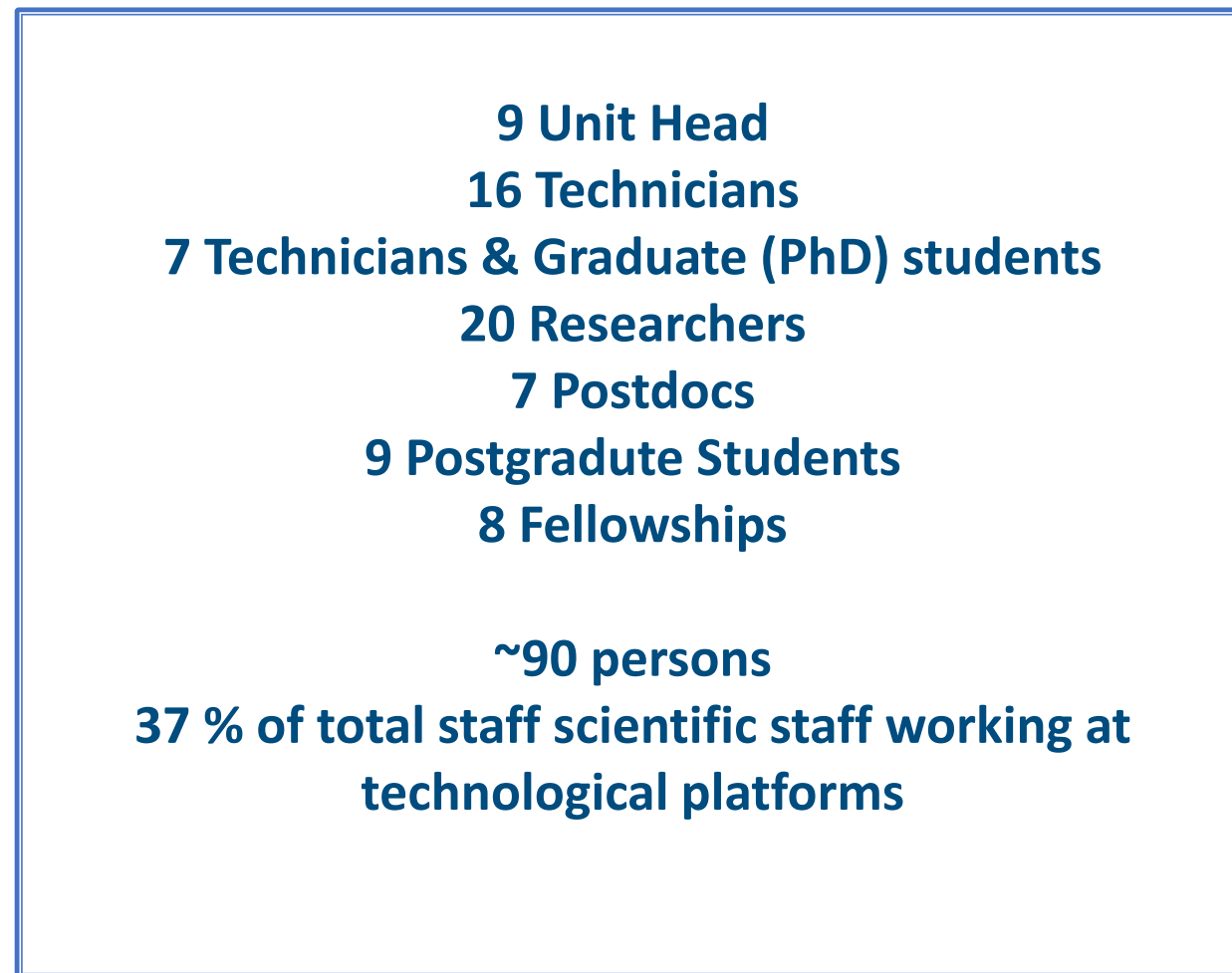
2006



Staff with the skills and the vocation to run the technological platforms was lacking in the region.

8 Unit Heads
3 Associated Researchers
11 permanent Technicians

2022



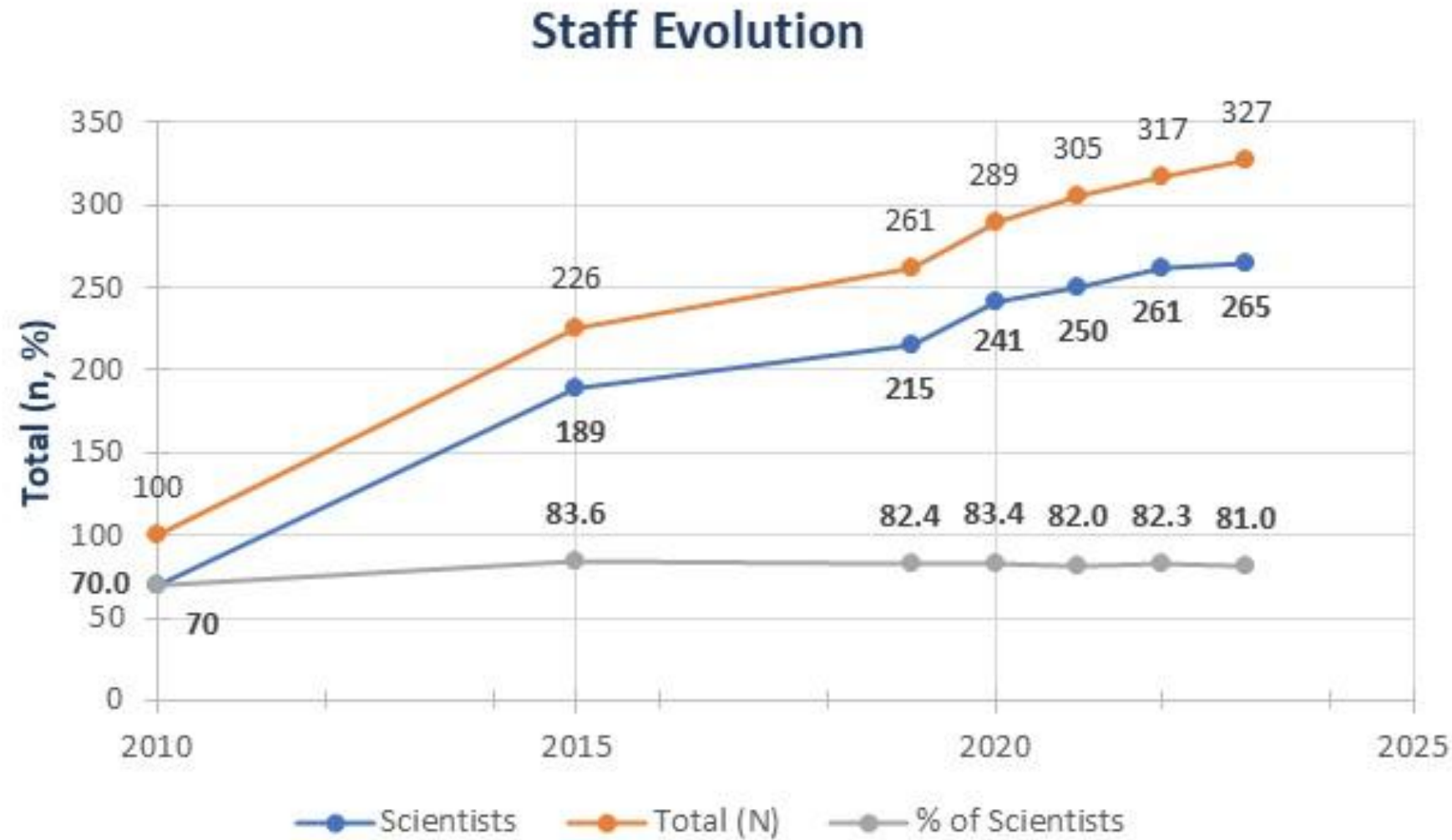
The main challenge was recruiting and retaining trained personnel in the Technology Units → Tech. career with same salary as the scientists

3. Education: scientific and technical career

- *G4 program*
 - ✓ *G. Iraola: 2019 – 2022 → 2023 resigned*
 - ✓ *M.E. Francia: 2019 – 2022; 2021-2024*
 - ✓ *G. Moratorio: 2020 – 2023...*
 - ✓ *Nicolás Sarute 2021 - 2024*
- *Senior Associate Researchers program*
 - ✓ *20 new tenure positions:*
 - *2020* ✓
 - *2021* ✓
 - *2022* ✓
 - *2023 ongoing*
- *Academic leveling program with salary improvement with gender perspective*

Number	Name
1	Natalia Lago
2	Luisa Berna
3	Mariana Bonilla
4	Lucia Spangenberg
5	Gonzalo Greif
6	Bruno Manta
7	Matias Machado
8	Rosa Garcia
9	Florencia Palacios
10	Magdalena Cardenas
11	Analía Lima
12	Emiliano Trias
13	Mercedes Segovia
14	Sonia Mondino
15	Daniela Megrian
16	Martín Graña
17	Santiago Ruiz
18	Pablo Fresia

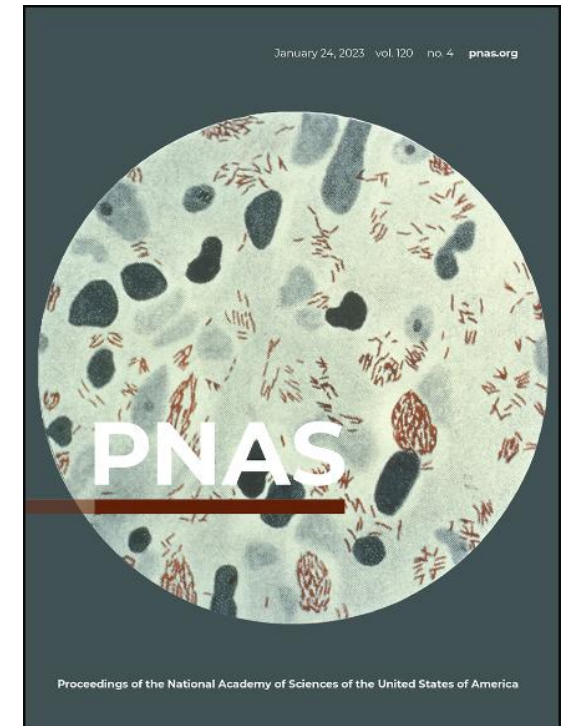
Staff evolution –



Publications 2023 –

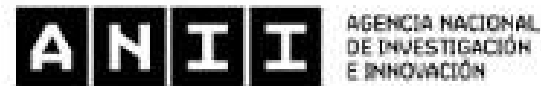
Papers in Journals with IF > 10	9
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Papers in Journals with IF 7 - 10	7
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International Courses & Workshops –

Chan
Zuckerberg
Initiative 



UNU
BIOLAC





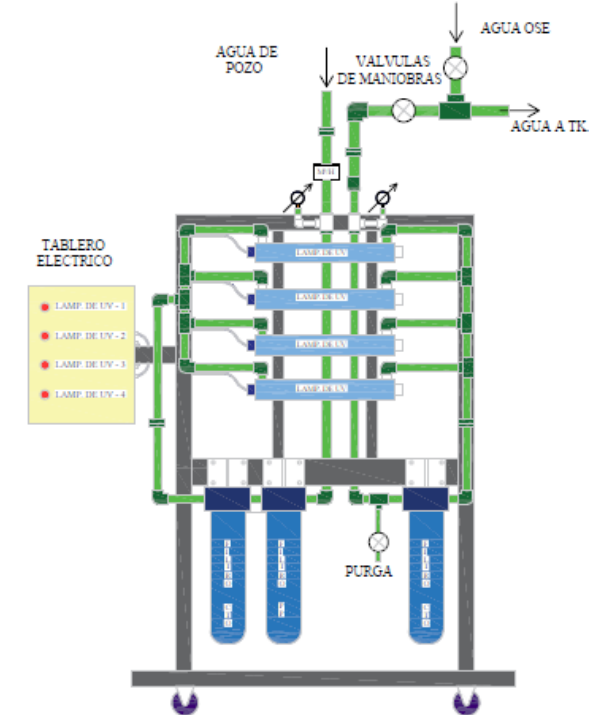
Organization Committee

Towards a more environmentally friendly institute –

Private investment to be paid in 12 years with the energy savings generated



Roof with solar panels

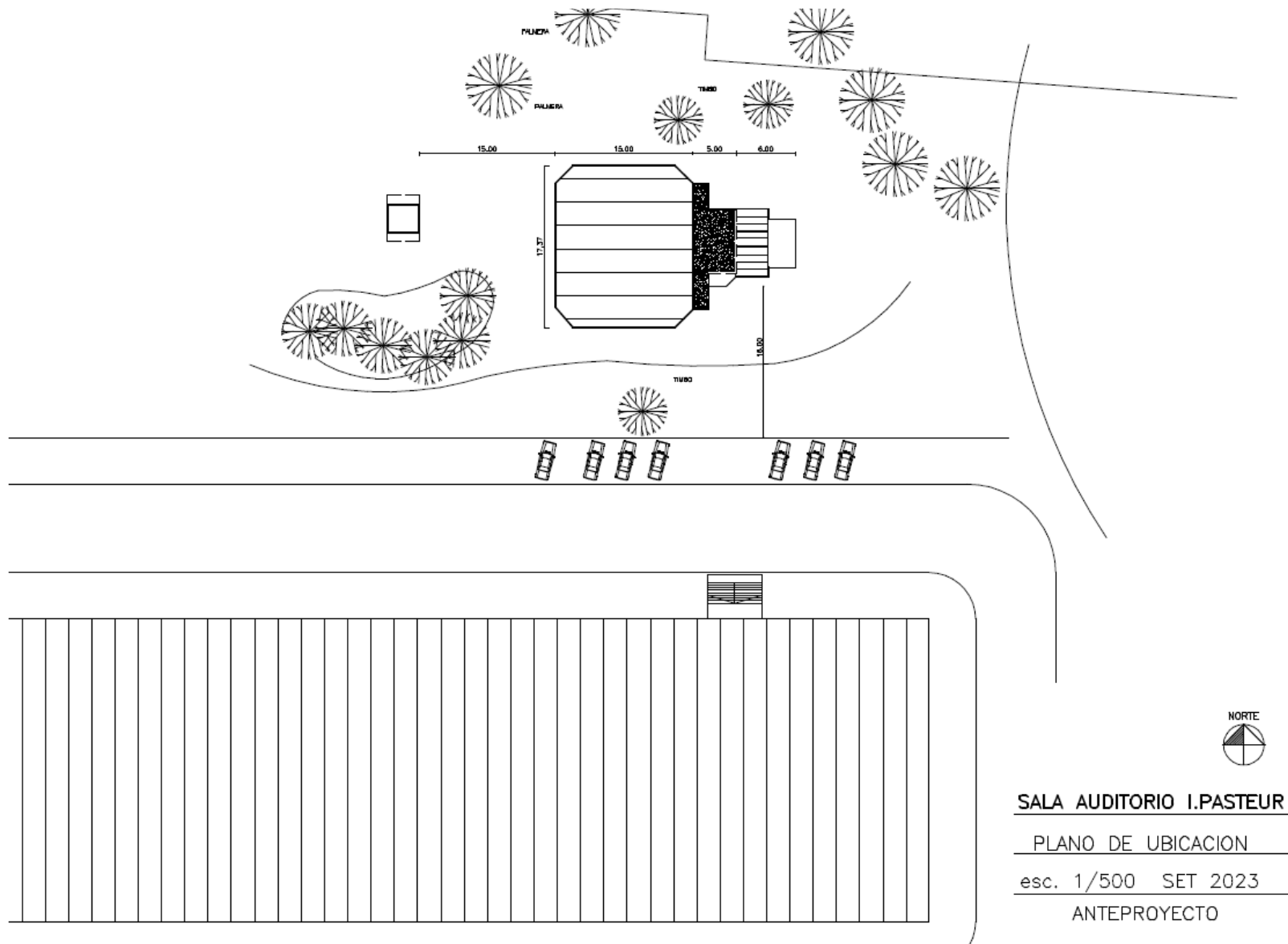


Water well (potable water) at
50 meters deep and with a
flow rate of 6000 liters/h

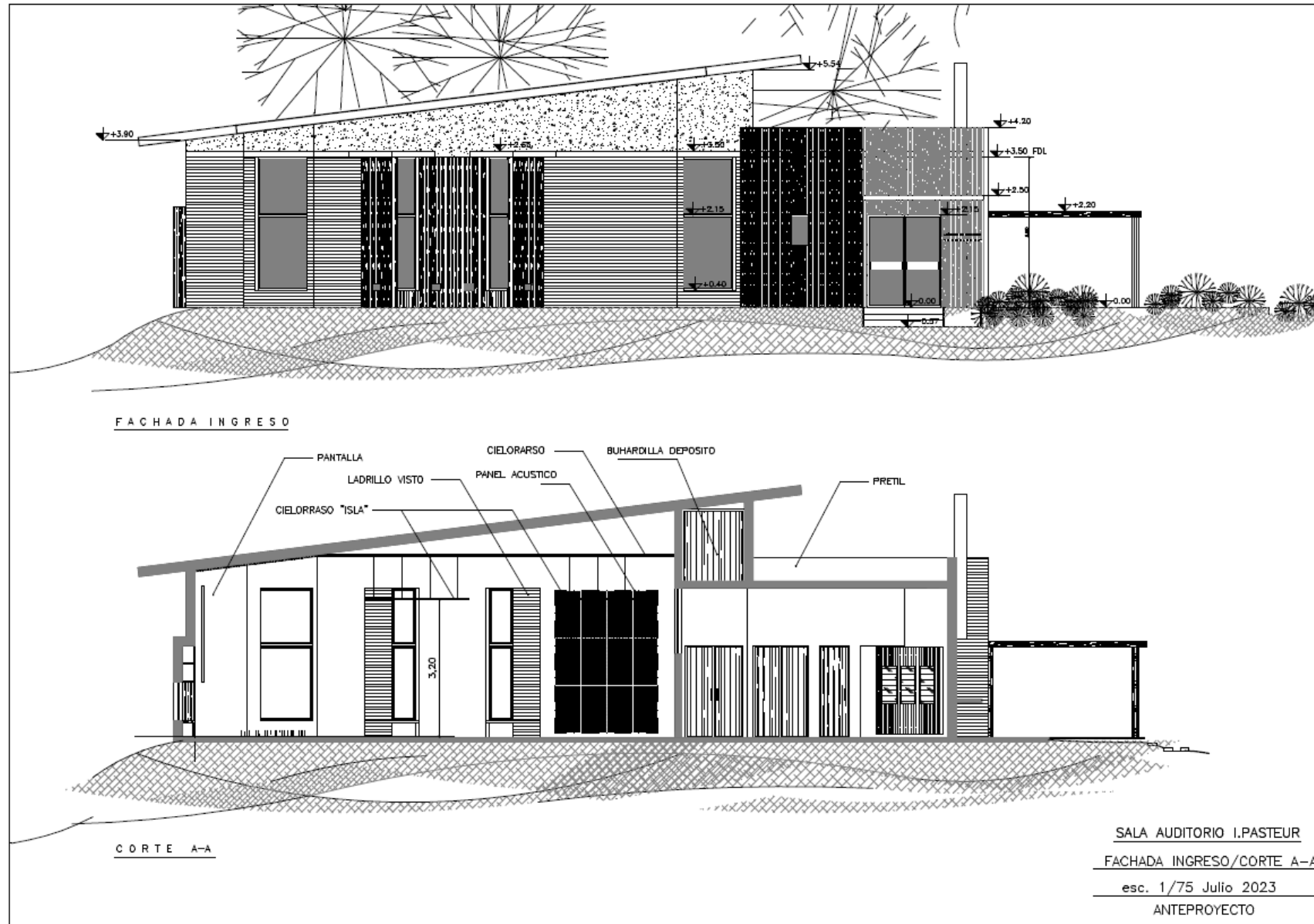
Conference Centre and Cowork Space

Private and State Institutional Donations
(USD 350 k)

Location -



Face projection: view from the Institut



Other valorization/innovation activities -

- Licensing agreements/stock options with Xeptiva **in process**
- IPMontevideo to Fiocruz/IBMR animal health technologies transfer **in process**

¡Muchas gracias!