



معهد باستور تونس
Institut Pasteur de Tunis



Institut Pasteur de Tunis

130th anniversary



الجمهورية التونسية
وزارة الصحة



UNIVERSITÉ DE
TUNIS EL MANAR

History



In 1893, Louis Pasteur entrusted his nephew Adrien Loir with the implementation of a vaccination center in Tunis. Thus, after that of Paris and Saigon was created by a Beylical decree, the Pasteur Institute of Tunis (IPT).

1893

1903

1928

1936



Founded

Nobel Prize of Medicine: In 1928 Charles Nicolle won the Nobel Prize in Physiology or Medicine for his work on typhus.



Charles Nicolle the Director of
IPT (1903-1936)



Major discoveries on:

Typhus
Toxoplasma
Leishmaniasis
Inapparent disease



History

After the indépendance **1956**

The IPT participates in the **eradication** of several endemic diseases in Tunisia such as **malaria, shistosomiasis, trachoma and poliomyelitis.**

We contribute to the **national vaccination campaigns** (poliomyelitis, etc.) and to the development of **public health programs.**



Pr. Amor Chadli
(Director: 1962-1988)

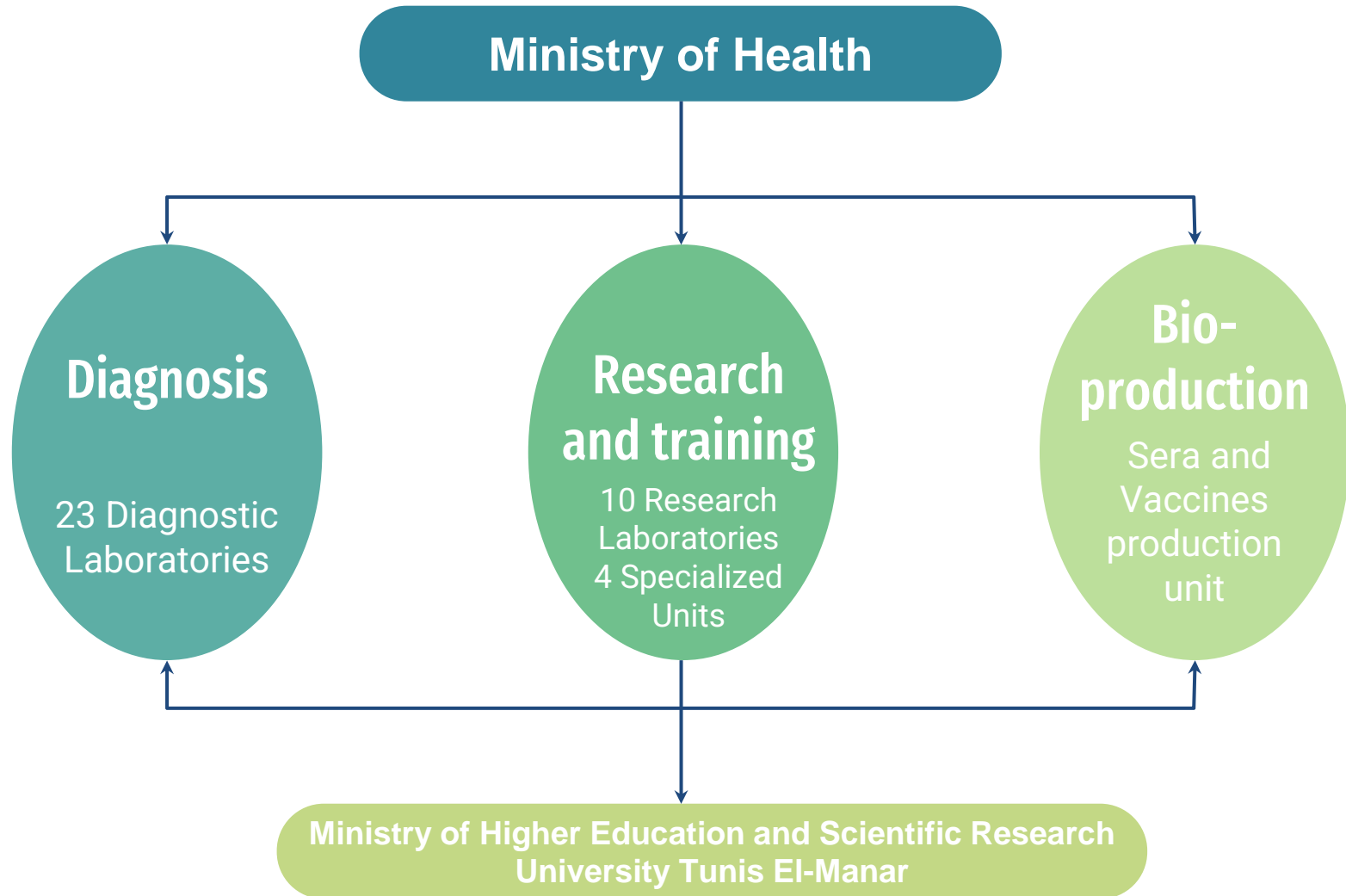


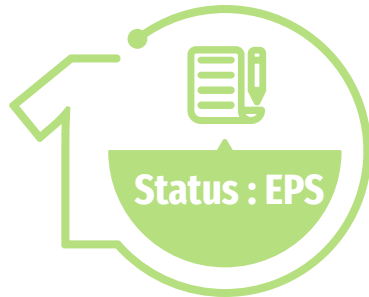
After 1995

The IPT changes status and becomes a **“Etablissement public de Santé”** with an administrative board and a scientific board, which allows him to reorganize and reinforce its research and development activities.



Missions and authorities





- Administrative board:
(16 members)
- Scientific board:
DG + 8 elected
members from IPT
(+4 international
experts)



- Ethics
- Training and internship
- Health and biosafety
- Bioresources
- Quality control



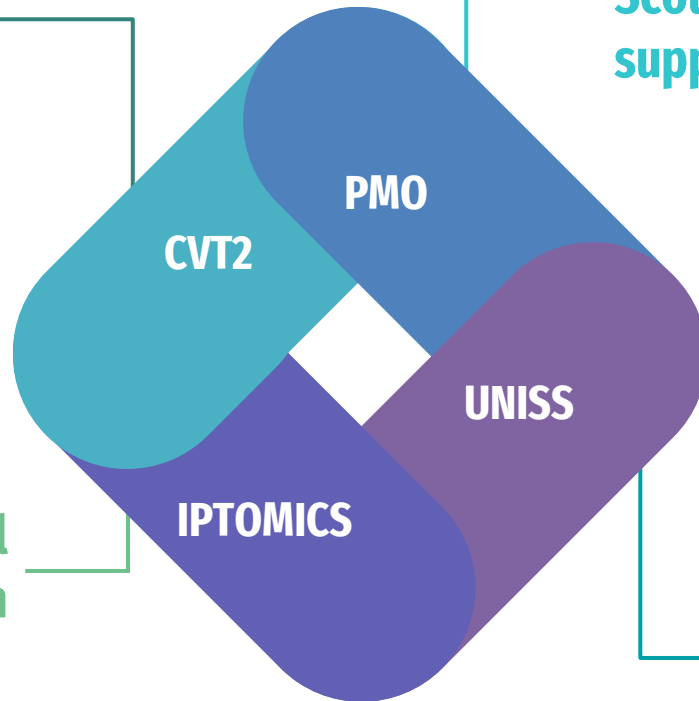
- BSL3
- OMICS platform
- Animal facility
- FACS Flow facility
- Clinical Investigation
Center (CIC)



Research Support Services

**Valorization and
Technological Transfer
Unit**

**Technological
platform**

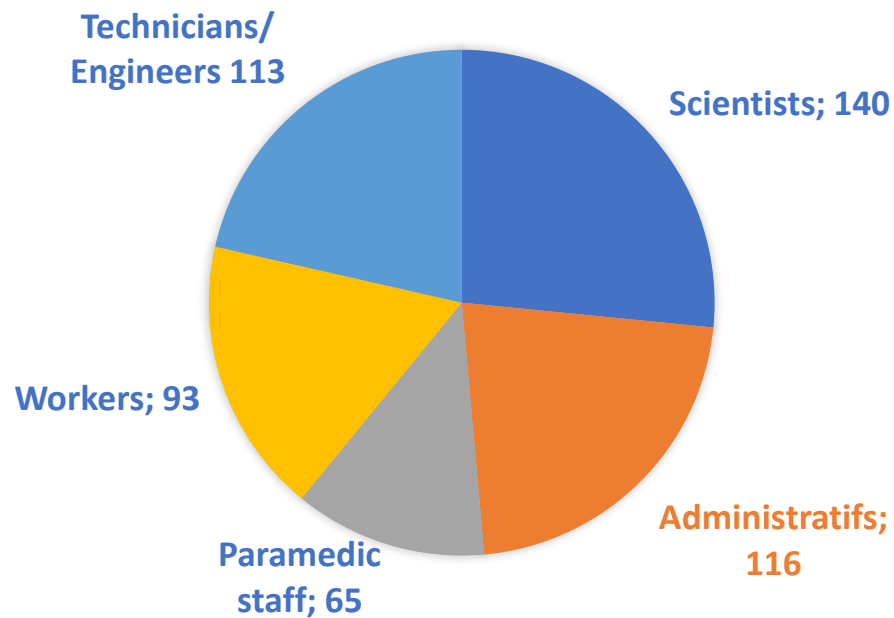


**Scouting and projects
support**

**Communication,
Science and Society
Unit**



Overall workforce: 527



Source: Social Report of the Institut Pasteur de Tunis, 2022



Public Health activities

23 laboratories : Cover the full array of clinical biology tests. IPT is recognized for the **expertise** of some of the laboratories in the specialized medical biology.



Several national (rabies, poliomyelitis, measles, bacteria, other) or international **reference centers** (EMRO/WHO: for poliomyelitis, measles, and HPV) .



IPT is a center for **vaccination** (for the travelers) and a center for **rabies treatment** (free).



Bio-production Activities

The **Unique Bio-production** unit of vaccines and sera in the country

700 m² dedicated to Bio-production

(BCG: Since 1927-1999)

From 2004: Application of **international standards**



Our products

BCG vaccine

- BCG + solvant
- Immune BCG

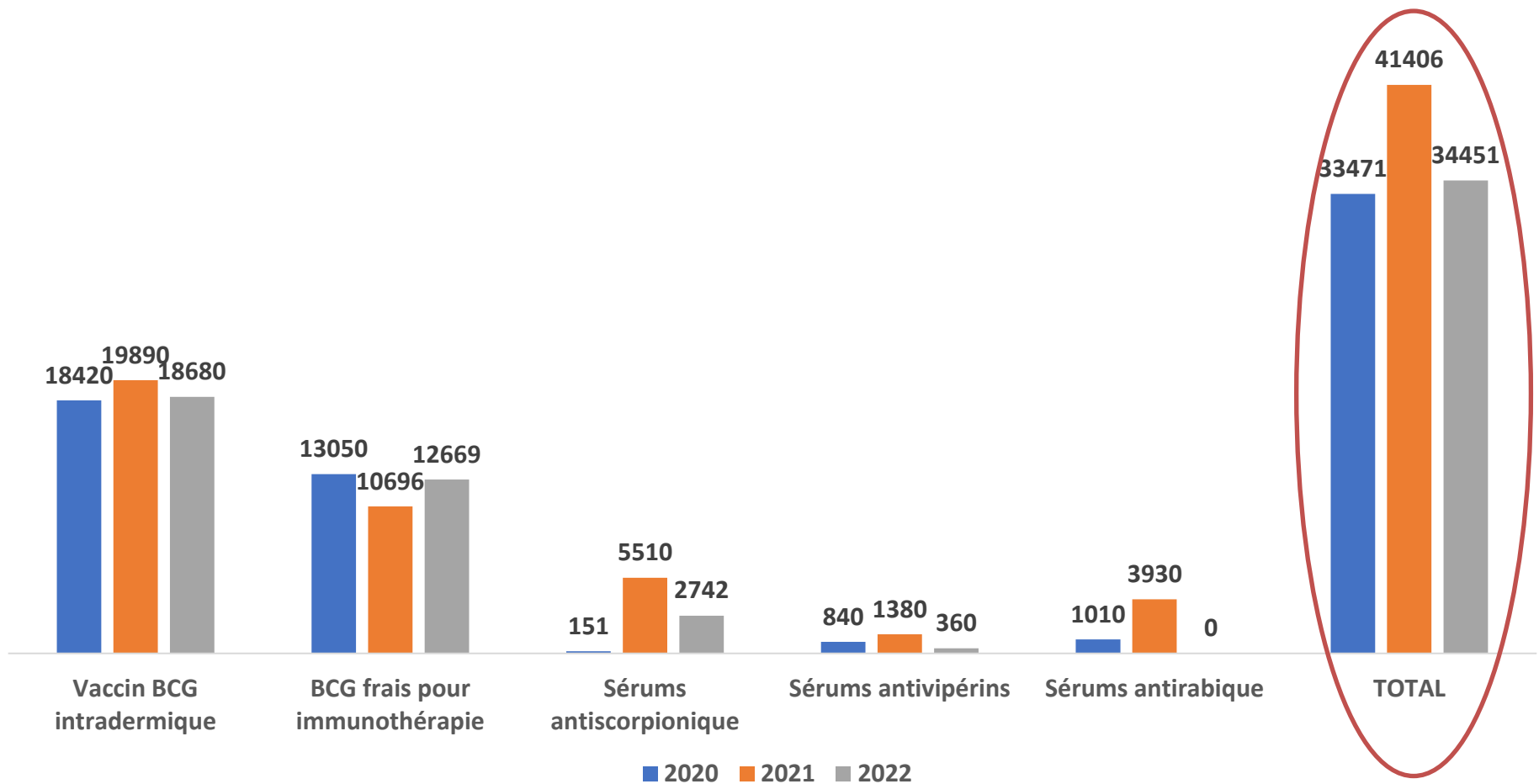


Therapeutic sera

- Anti-scorpions : *Androctonus australis*, *Buthus occitanus*
- Anti-vipera: *Cerastes cerastes*, *Vipera lebetina*
- Anti-rabies



Products Sales (doses)



Training Activities



IPT is affiliated to the University of Tunis El Manar: Supervision of graduate and post-graduate students



Organization of theoretical and hands-on practice training courses



WHO-TDR training center



Main Funding agencies



République Tunisienne
Ministère de l'Enseignement Supérieur,
de la Recherche Scientifique



EPFL

Programmes
Collaboratifs
Internes



**World Health
Organization**



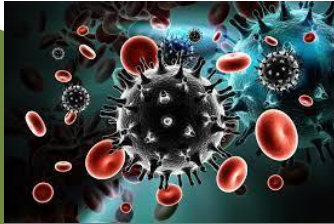
INSTITUT MERIEUX



Institut Pasteur



Where we are...



Early during the pandemic:

- Taskforce of mRNA vaccine
- Benchmarking
- PPP



Tunisia: Spoke (Feb 2022)

Training	Organisation	Date	Participants
Introductory Course for Biologics Development and Manufacturing	(IVI)/WHO	July, 2022.	2
Introductory Training Course for Standard Practices (GxP)"	IVI/WHO	Oct- Nov, 2022.	2
NIBRT Aseptic Behaviours Course	WHO	Online Dec 2022	6
Biotech Training Facility, Leiden, Netherlands	WHO	Dec, 2022	4
ICGB, Italy	WHO	Dec 2022	2
AFRIGEN		Dec2022	4



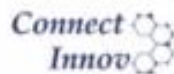
moderna

Preclinical study of mRNA vaccine against

- Leishmaniasis
- Rabies

Pr. Melika Ben Ahmed
(Thursday 11h30-12)

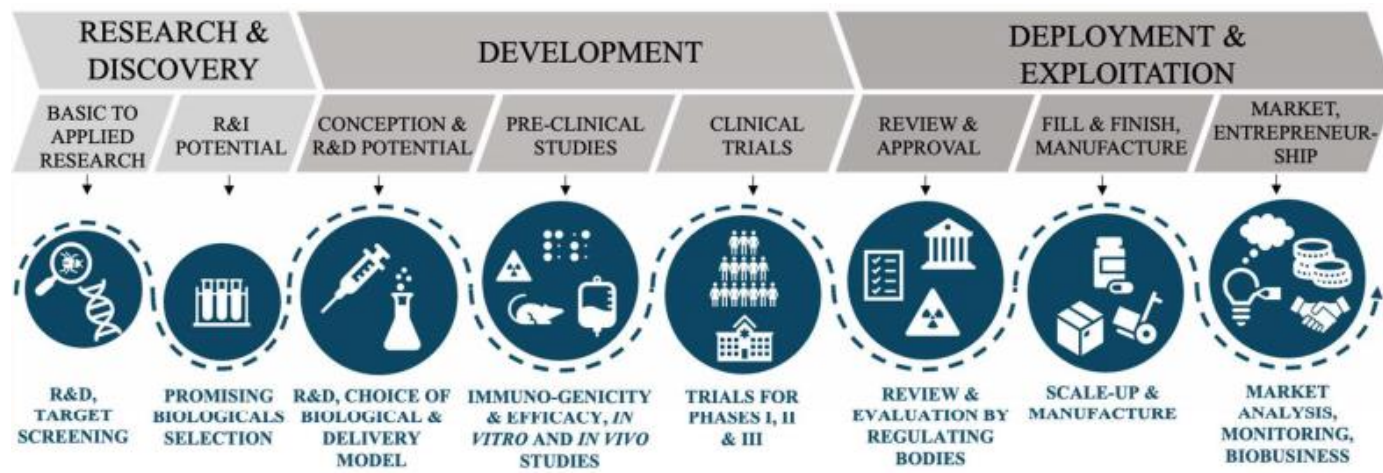




VISION: From Insightful Science to Innovative Health: Strengthening Translational Capacity and Talent Interoperability in Vaccine and Biologic Research & innovation



ERA-Talent project
Process for development of vaccine & biologics



Thank you for your attention

