

ASSISTANCE PUBLIQUE HÔPITAUX DE PARIS

Necker ENFANTS MALADES HÔPITAL UNIVERSITAIRE

Université Paris Cité

MAIRIE DE PARIS

Inserm La science pour la santé From science to health

fondation des hopitaux

AFMTÉLÉTHON INNOVER POUR GUÉRIR

INSTITUT CARNOT Imagine

INVESTIR L'AVENIR

Genetic Diseases, a Public Health Issue

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GUÉRIR LES MALADIES GÉNÉTIQUES

More than **8,000** **genetic diseases** identified

Every day in France **64** babies are born **with a genetic disease**

350 million
people affected
in the world

35 million
people affected
in Europe

1 out of 20
people affected
in France

4 to 5 years
of **diagnostic wandering**

Research with an impact on frequent diseases *(cancer, Alzheimer, autism…)*

>50%
of genetic diseases are **undiagnosed**

85%
of genetic diseases **do not** benefit from any specific **curative treatment**

Institut *Imagine*, 1st European center for Research, Teaching and Care on Genetic Diseases

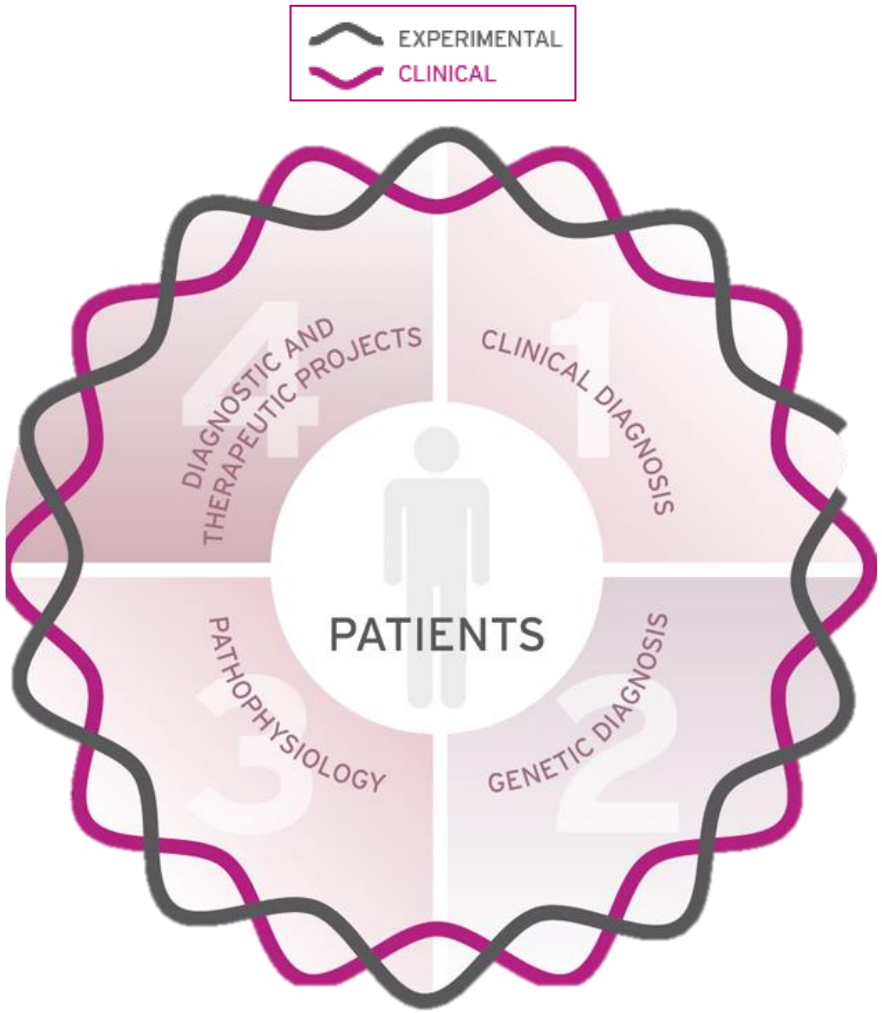
1 000	doctors, researchers, doctors-researchers engineers gathered around the same cause
29	research teams
35 000	consultations per year
1	International Scientific Committee, chaired by Pr Aravinda Chakravarti
84	million euros of consolidated annual budget



Discover the Institut *Imagine* (video)

A patient-centered virtuous loop

5 : Treatment, diagnosis



1 : Clinical diagnosis, consultation

4 : Clinical research

2 : Genetic diagnosis

3 : Pre-clinical research

A place designed for Interaction and Innovation

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GUÉRIR LES MALADIES GÉNÉTIQUES

Seminar center

Support services, Research, and Care assistance

Researchers

Engineers

Industrialists and bio-entrepreneurs

Clinicians

Biological Resources Center

Patients

Data Science Center



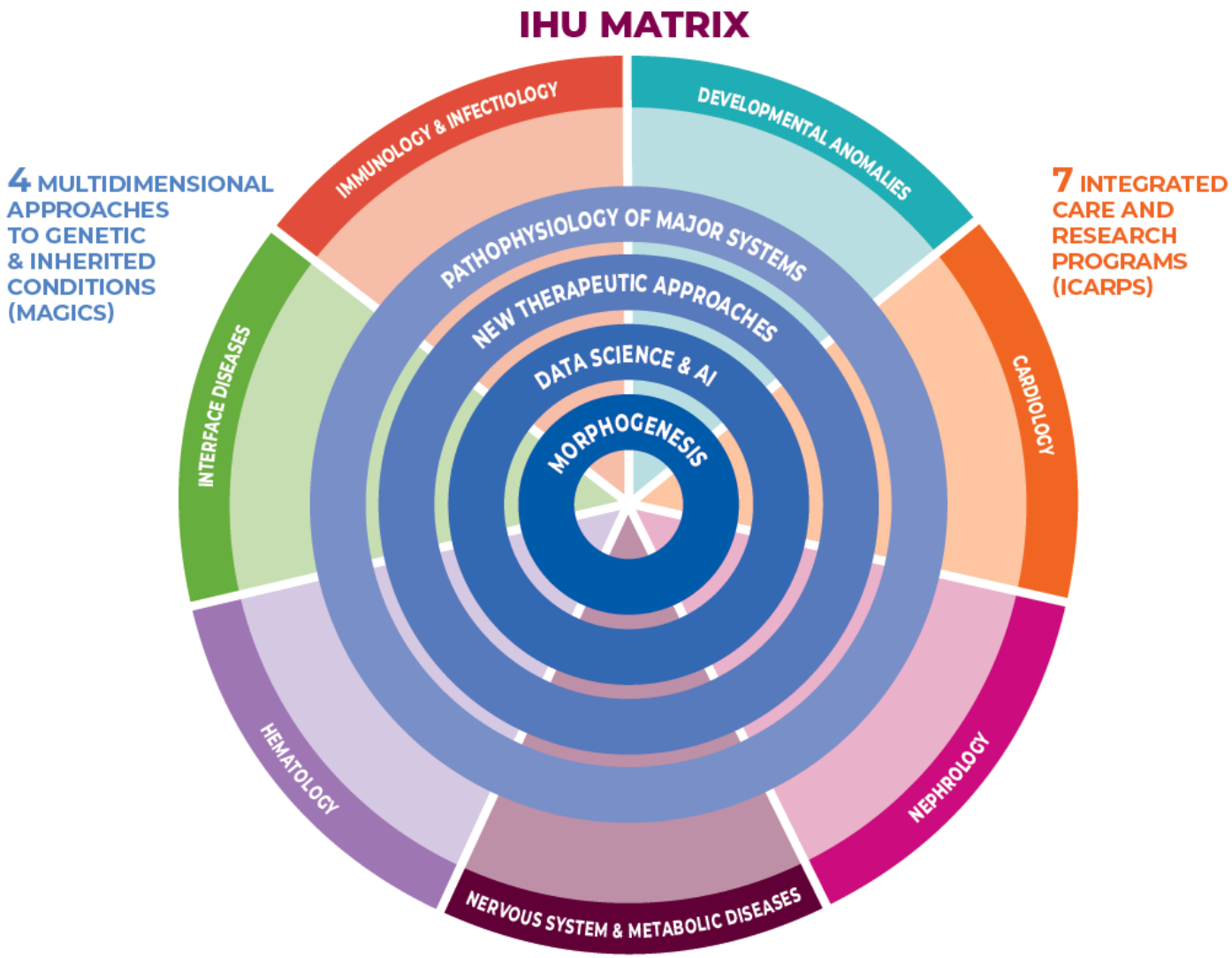
Education

Research



Clinic

Research areas



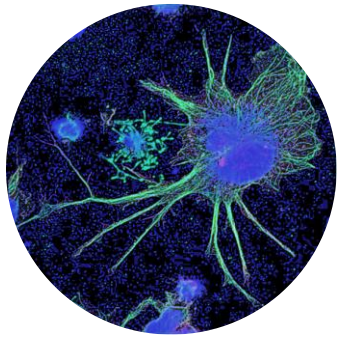
Programs based on 6 missions

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GUÉRIR LES MALADIES GÉNÉTIQUES



Name

the disease



Understand

the disease



Find

treatments

Value



Transmit



Share

IMPACT AND VALUE CREATION PROCESS (*via* chairs, research programs, industrial partnerships)

WP7 : « Improving patients' life with a rare disease » a dedicated programme

INFORMING AND RAISING AWARENESS about genetic diseases and the work carried out by the Institute.

SUPPORTING PATIENTS and families in living with genetic diseases.

GENERATING KNOWLEDGE about research frameworks and tools, care practices, and their effects on the lives of patients and families.

Escape Gènes

School visits, serious games, open days, conferences,…
Interactions with patients' association and financing common projects
Patient Partnership in Research (PPR) program
Human and social sciences (design; philosophy, sociology,…) and medical joint programmes

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Thank you!

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