



Carnot@AP-HP relies on AP-HP, the first University Hospital Center in Europe, to structure a center for accelerating partnership with companies engaged in innovation. Carnot@AP-HP has renowned experts, a comprehensive research and development ecosystem, as well as a governance that is committed to deadlines allowing short and agile processes. Carnot@AP-HP is offering industrial players solutions in applied and clinical research across the entire healthcare spectrum.

recherche-innovation.aphp.fr

TRANSFORM SCIENTIFIC EXCELLENCE IN HEALTH INTO ECONOMIC SUCCESS

Key player in health research in Europe

- 1st University hospital center (10 million patients/year)
- 7.5 billion Euros annual budget
- 1st clinical trials promoter in Europe
- 10% of public hospitalization in France
- 40% of clinical research in France
- 8,390 publications of which 24% ranked A in 2018

Orientation towards Partnership Research

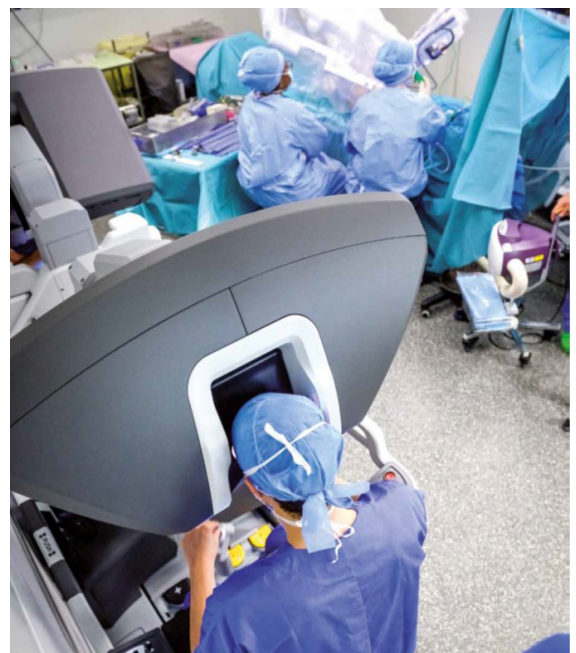
- 320 R&D contracts in 2019, including 62 partnership research with an industrial partner
- 653 patent portfolios (1/3 already licensed)
- 10% of public valorization revenue in France (24M Euros in 2019)
- 17 drugs and medical devices on the market: 3 Marketing Authorizations since 2018, 2 Marketing Authorizations in progress (FDA)

Clinical Studies and Translational Research Solutions

- Feasibility studies and clinical trials set up
- Clinical and medico-economic evaluation of medical devices e-cohort and real-life study
- Pharmaceutical development
- Algorithms development

Target markets

- Healthcare technologies
- Medicines
- Pre-clinical research
- Clinical study
- Biotechnology
- Diagnosis
- Processing of health data
- Artificial Intelligence





The Value share of Carnot@AP-HP

- European leader in clinical and translational research
- Renowned experts in all specialties
- Complete ecosystem (1st European health data warehouse, registers, cohorts, biological collections, research platforms, etc.) and connected to its partners
- A dedicated structure and governance integrating industrial partners with performance commitments (deadlines)
- A new institute to complement the other Carnots

Technological platforms:

- The Pharmaceutical R&D Department (General Agency for Equipment & Health Products AGEPS)
- The AP-HP Health Data Warehouse (EDS)
- MEARY, the production center for Medicines for Innovative Therapies
- APHP's Biobank for Intestinal Microbiota Research (BARM)
- AP-HP Pharmacoepidemiology Center (CEPHEPI)
- Digital Medical Hub (DMH) - Scientific evaluation of connected objects
- The innovative Biomarkers platform
- SeqOIA, the genomics platform
- MOABI, for bioinformatics analysis for diagnostic purposes
- ComPare, the platform for e-cohorts
- Lumière for antenatal diagnosis
- The Human Nutrition Research Center (CRNH)

ASSISTANCE
PUBLIQUE  HÔPITAUX
DE PARIS

Key figures

Permanent staff
(full-time equivalent): 3370
PhD Students: 1290

Partnership incomes
with industry: €42,5M
Global budget: €90M

Contacts

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