

CORE FACILITIES FOR ONCOLOGY R&D





ACCELERATE TECHNOLOGICAL INNOVATION AND MARKET ACCESS THROUGH PARTNERSHIPS



Institut Curie Technology Transfer and Industrial Partnership Office is the quickest gateway to the state-of-the-art innovations happening at Institut Curie.

Our key mission is to connect innovators with the business & investor communities and to offer a single access point for creating R&D partnerships with Curie experts and technology licensing.

Our ambition is to ensure that your project receive the greatest chance of actually reaching patients.

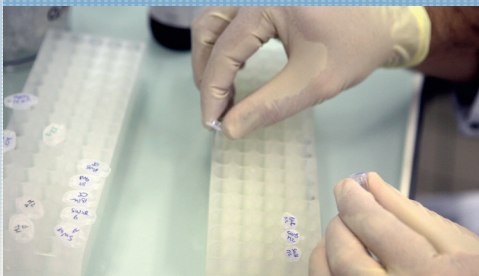
Institut Curie's offer brings together 25 key technological core facilities and provides a full access to its newest equipment and its highly skilled experts.

Let's work together and take advantage of our recognized expertise labelled Carnot Curie Cancer!

AMAURY MARTIN, PHD

DIRECTOR, TECHNOLOGY TRANSFER & INDUSTRIAL
PARTNERSHIPS OFFICE, INSTITUT CURIE
DIRECTOR, INSTITUT CARNOT CURIE CANCER





KEY FIGURES TECH TRANSFER OFFICE 2017 DATA

13M€	INCOME FROM INDUSTRIAL / SME PARTNERSHIPS
47	NEW R&D AGREEMENTS
> 5.3 M€	INCOME IN R&D CONTRACTS
527	PATENT PORTFOLIO
60%	OF PATENT LICENSED
18	SPIN-OFF COMPANIES



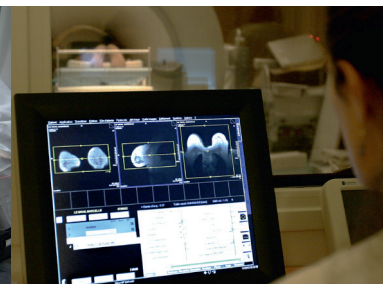
AN OFFER SIZED TO YOUR NEEDS

- An offer tailored to your company size.
- A guaranteed confidentiality for your data and project.
- Different level of partnership depending on your needs:
 - Consulting and expertise
 - Proof of concept or feasibility
 - R&D collaboration
 - Pre-market validation
 - Joint R&D lab
- An access to high level of national and international experts network.



FOCUS ON KEY FIGURES IN CORE FACILITIES 2017 DATA

23	NEW R&D AGREEMENTS
1.8 M€	INCOME IN R&D CONTRACTS
20	CORE FACILITIES LABELLED



CORE FOR LIFE



FRANCE GÉNOMIQUE

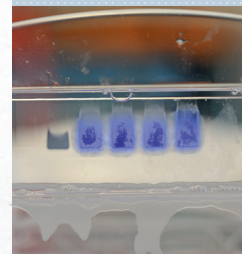
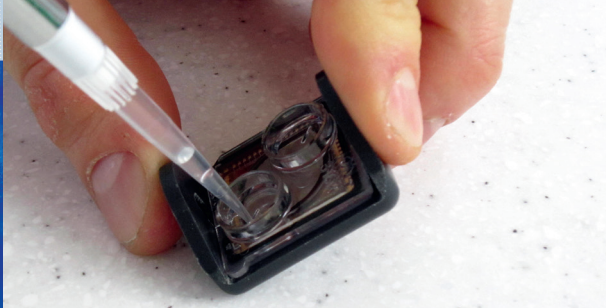
EurOPDX
Translating Knowledge in Oncology



FRANCE-BIOIMAGING



MORE INFO
techtransfer.institut-curie.org



FROM THERAPEUTICAL TARGET...

SMALL MOLECULES IDENTIFICATION & OPTIMIZATION



Start your project at early stage with Institut Curie core facilities dedicated to find the molecule to interact with your target. With more than 10 000 available molecules, Institut Curie experts can also evaluate and analyze in vitro effects of those molecules.

- Chemical library
- Chemical imaging
- High throughput screening

GENOME ANALYSES



Institut Curie is a reference in genome analyses and genome editing technology. To this end, cross-disciplinary approaches involving physics, chemistry and biology are required. Supplied with the most advanced equipment for genes analyses, a strong bioinformatics expertise completes Institut Curie's offer in genome analyses.

- Next generation sequencing
- Genomics
- Synthetic genetic arrays
- CRISPR'it
- Bioinformatics

PROTEOME ANALYSES



From cancer diagnosis to the development of immunotherapy, Institut Curie provides a large range of equipment and skills for protein analyses, design and expression.

- Protein mass spectrometry
- Protein expression and purification
- Therapeutics antibodies & recombinant antibodies



MORE INFO
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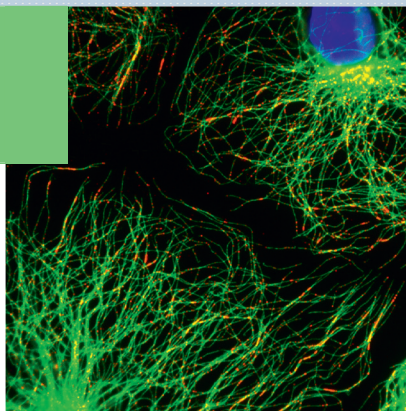
... TO CLINICAL VALIDATION

CELLS & TISSUES ANALYSES



The cellular characterization of every tumor is essential to understand oncological mechanisms. At different levels and with complementary methods, Institut Curie provides approaches to study molecules, proteins, organelles and cells in normal or pathological conditions, in the whole tissue or at a single cell level.

- Single cells analysis
- Flow cytometry
- Optical microscopy
- Electron microscopy
- Chemical imaging



IN VIVO MODELS



Evaluation of anti-tumoral effect of new therapy or new combination of treatments is the last step of your preclinical development. With more than 300 highly characterized PDX, our preclinical lab is actively involved to test your compounds, according to French ethical laws. It is also able to develop specific PDX models fitting your needs.

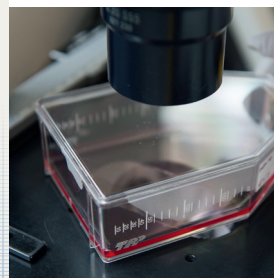
- Preclinical studies
- Radiation experiments
- Small animal imaging

CLINICAL STUDIES SUPPORT



Institut Curie offers a specific access to both retrospective and prospective clinical studies. You can retrieve data from Institut Curie clinical trials to find biomarkers or monitoring drug effects and /or localization.

- Flow cytometry
- Pharmacokinetic
- Radiolabeling
- Histology /anatomopathology
- Biological resource center
- DNA/RNA analysis



charles river | every step
of the way.

Galápagos



janssen
PHARMACEUTICAL COMPANIES
of Johnson & Johnson

ONXEO
THE ORPHAN ONCOLOGY INNOVATOR

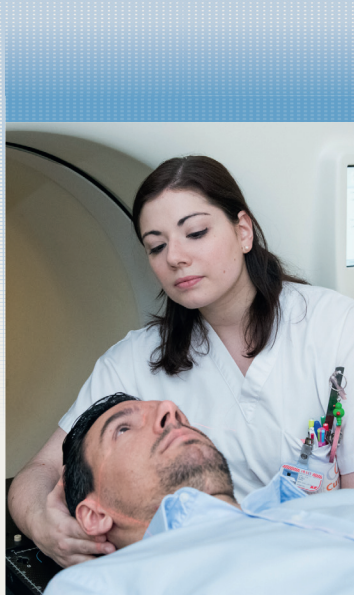
Nikon

PEP•Therapy

PIQUR
TARGETED CANCER THERAPIES



MORE INFO
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PARTNERING WITH INSTITUT CURIE

Institut Curie conducts projects from basic research to clinical studies in order to:

- Understand mechanisms of pathological development
- Facilitate the transition from basic research to clinical application
- Develop innovative therapeutic and diagnostic techniques in cancer

RESEARCH CENTER



4 domains of excellence:

- Biology, Cancer, Genetics and Epigenetics
- Biology & Chemistry of Radiations, Cell Signaling and Cancer
- Integrative Tumour Biology, Immunology and Environment
- Multiscale Physics-Biology-Chemistry and cancer

TRANSLATIONAL RESEARCH DEPARTMENT



This department provides clinicians and researchers with human and technological resources enabling the development of application-oriented projects.

HOSPITAL GROUP



Three sites in Paris region area welcome patients bearing cancers from the most frequent to the rarest, to offer them state-of-the-art treatments and improve their quality of life.

Institut Curie is an international expert for eye cancers, pediatric tumors, breast cancers and sarcomas.



PLATFORMS

Institut Curie provides a wide range of advanced technological platforms. Their services cover biological complexity from small molecules up to whole organisms and contribute to the progress of basic and translational research projects up to clinical studies.



A leading player in the fight against cancer, Institut Curie brings together an internationally-renowned research centre and an advanced hospital group that provides care for all types of cancer – including the rarest forms. Founded in 1909 by Nobel laureate Marie Curie, Institut Curie comprises three sites (Paris, Saint-Cloud and Orsay), where more than 3,400 members of staff are dedicated to achieving three objectives: hospital care; scientific research; and the sharing of knowledge and the preserving of legacy.



Since 2011, Institut Curie is certified "Institut Carnot Curie Cancer". The Carnot label is a label of excellence granted to academic research structures with proven high quality and involvement in partnership research. Curie Cancer offers industrial partners the opportunity to set up research collaborations, benefiting from the expertise of the Institut Curie teams, for the development of innovative therapeutic solutions against cancers from the therapeutic target to clinical validation.



Institut Curie is part of the Findmed Consortium that gathers 13 Carnot institutes in Life Sciences and chemistry to strengthen the competitiveness of the French pharmaceutical industry.

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