



Institut Curie Co-fund PhD program “IC-3i-PhD”



Institut Curie

Private foundation,
created in 1909

accepting public donations

**A leading player
in the fight against
cancer**

Hospital
group

Research
Center

Institutional
departments



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missions :
3
Care
Research
Training

**For the benefit
of our patients**



Institut Curie Research Center

1,100

Staff
members

Over

80 teams

high-tech
platforms,
among the best
in Europe

23

ERC

3

Labex &

1

Equipex



eulife

4 main research areas

- ✓ Biology & chemistry of radiation, cell signaling and cancer
- ✓ Development, cancer, genetics, and epigenetics
- ✓ Integrative tumor biology, immunology and environment
- ✓ Multi-scale physics, biology and chemistry: molecules, cells, tissues and organisms

& Translational research – Hospital Group

International
openness

**FUNDAMENTAL AND TRANSLATIONNAL RESEARCH FOR INNOVATIVE STRATEGIES
& IMPROVED TREATMENT OF PATIENTS**



Institut Curie's young researchers



2 research sites – 1100 staff members

242

PhDs

285

Postdoctoral
fellows

66

nationalities

16

Juniors group
leaders



2 hospitals – 2100 staff members

29

Thesis in medical science,
chemistry, psychology

129

Interns

11

Foreign interns

110

Students



Our governance



SCIENTIFIC COUNCIL
President
Prof Iain MATTAJ



President
Prof Thierry PHILIP

BOARD OF DIRECTORS
President
Prof Thierry PHILIP



Director
Dr Marc ESTÈVE



Director
Dr Geneviève ALMOUZI

Projet coordination Training Unit



Roman ROUZIER
Deputy Coordinator
HOSPITAL GROUP



Graça RAPOSO
Deputy Director for
Advanced Training
RESEARCH CENTER

PhD Cofund project: key actors

Internal

- Direction of Research Center
- Training Unit
- Grant Office
- Human Resources Department
- Industrial Partnerships & Licensing Department
- Ethics Officers
- Scientific Advisory Board

External

- PSL & LabEx
- Industry (Sanofi & Servier)
- Consultant

The existing International PhD Program

PhD doctoral contracts –
coordinated with universities

Who

- PhDs
- Master's and PhD for Physicians & Pharmacists

What

- 3 years
- Unique training program
- Mentoring

**5 fellowships granted to foreign students
in 2015**

2015 Call for Applications
deadline April 30, 2015

International
PhD Programme
PhD & Master's fellowship
for Physicians

institutCurie

Institut Curie invites talented and motivated students from abroad to join a vibrant research institute that promotes cross-disciplinary scientific research and collaboration on a national and international level.

4 main research axes:

- ✓ Biology & chemistry of radiation, cell signaling and cancer
- ✓ Development, cancer, genetics, and epigenetics
- ✓ Integrative tumor biology, immunology and environment
- ✓ Multi-scale physics, biology & chemistry: molecules, cells, tissues & organisms

Apply for:

- 3 year fellowship for PhDs
- 1 year fellowship for Master's for physicians or pharmacists

Join 240 PhD students and 80 nationalities on Institut Curie's campus located in Paris, Orsay, and St. Cloud where fundamental research takes place alongside clinical, translational, and applied research.

More information: training.curie.fr/phd-programme2015

PAQRI PSL★ SVIC

This programme is part of PSL Research University's initiatives.
Main universities: UPMC, Paris Saclay, Paris Diderot, Paris Descartes & UVSQ.

Together, let's beat cancer

www.training.curie.fr



The new IC-3i PhD Program

Re-structured, revitalized, and ambitious **international**

“Triple i” PhD program strengthened by trans- and **inter-disciplinary** and **inter-sectorial** research projects.

The new IC-i3 PhD Program: the 3 “i”s

❑ International

- Recruiting PhD fellows **outside of France** (CO-FUND mobility rules).
- Visits at an **international academic or industrial partner**
- **Co-accreditation** with an international institution and/or European Label “Doctor Europaeus”
- International mentor or supervisor (academic - industrial)

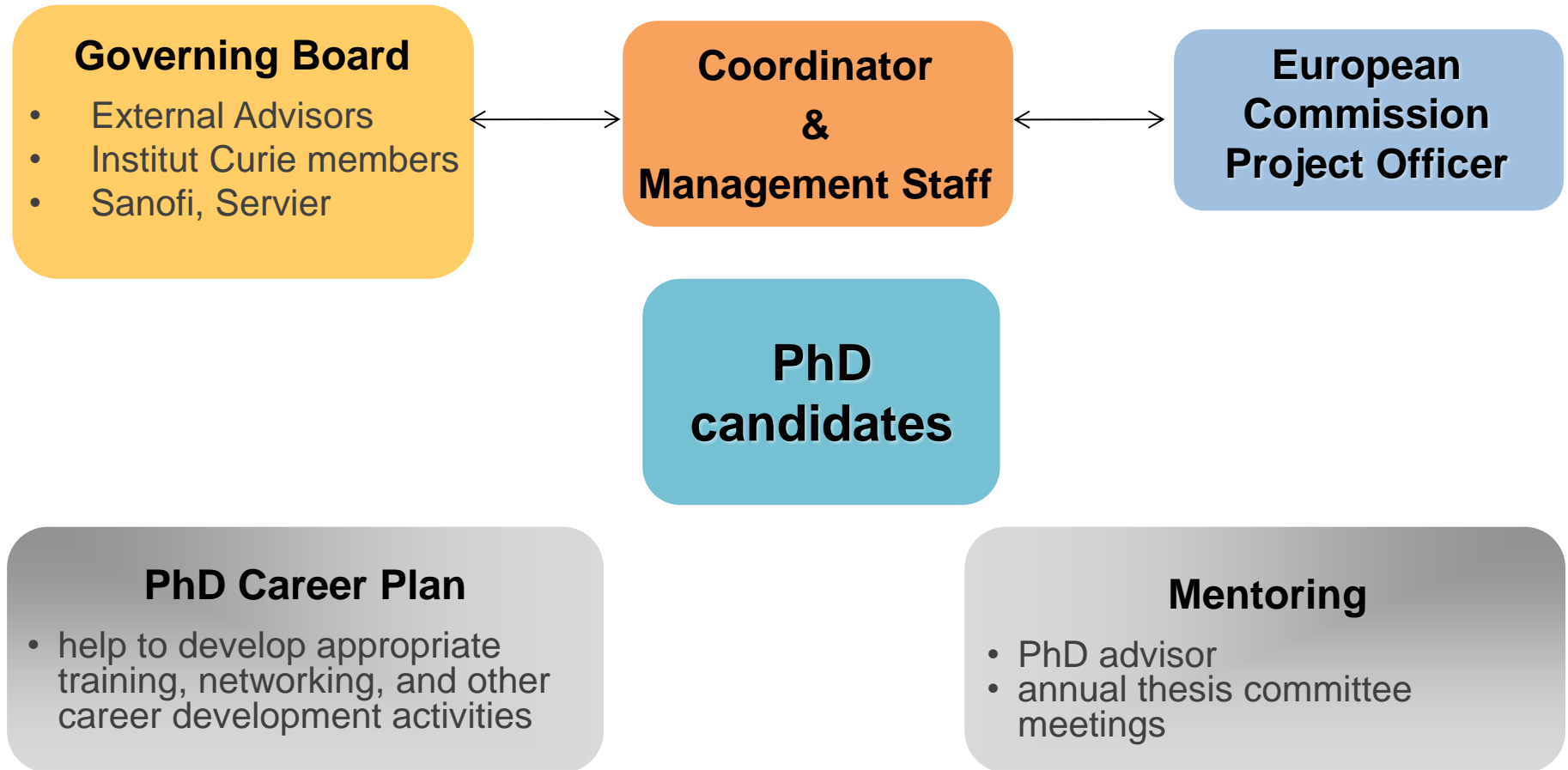
❑ Inter-disciplinar

- Interdisciplinarity of Institut Curie: 12 **research units**, 1 **translational department**, 2 **hospitals**
- Research projects selected crossing the following domains:
Chemistry / Physics / Biology / informatics / clinics ...
- Translational research or with Hospital

❑ Inter-sectoral

- Private industry **partnerships** with **Servier** and **Sanofi**, directly involved as partners
- They will be and are already involved in **collaborative projects**.
- Mentoring of PhD students
- Will be involved in teaching and **training** activities.
- Potential for **industrial implications** - ex:by spin-off creations

The new IC-i3 PhD Program: structure & principles



The new IC-i3 PhD Program: PhD Career Plan

Along with the **thesis project** carried out in the lab:

Training

- IC international course
- transferrable skills training courses
- training, “Ethical conduct of research”
- international scientific meeting
- presenting research in annual seminar at IC
- university course abroad
- “**trainee is the trainer**” activities

Public Engagement Activities

- participate in EU, IC or PSL researcher's night
- work with communication experts to describe their research project
- mentor or teach middle & high school
- prepare "elevator pitch" of research project

Career Development

- participate in an EU-LIFE, PSL University, or other career day
- scientific meeting organized by student/postdoc association
- career development workshop
- organizing a workshop or give scientific presentation job talk outside of Paris

The new IC-i3 PhD Program: recruitment

Institut Curie PIs

propose "3i" thesis projects

Governing Board

selects 11 or 12 PhD projects

International Call for applications

Management staff

checks eligibility of PhD candidates

Review board

selects 3 to 4 PhD candidates / project

Selection committee

interviews and ranks candidates

Appointement of PhD candidates

The new IC-3i PhD Program: impact

Enhancing research and innovation

- Increase visibility of the programme
- Modify recruitment and attract more high-profile PhD candidates
- Further stimulate knowledge transfer between academics and industrials leading to competitiveness

Enhancing skills, working conditions and career perspectives

- Increase quality of PhD training
- Develop a structured career plan for PhD students

Enhancing human resources

- Double the number of PhD students
- Increase the PhD candidates salary

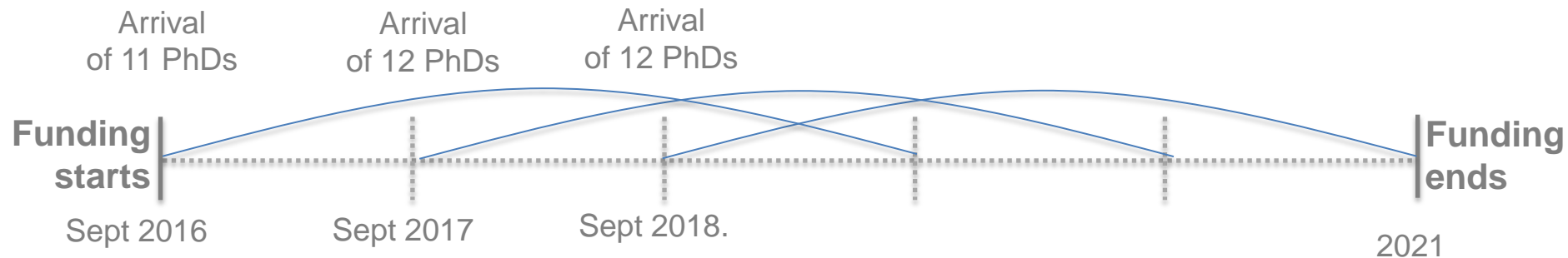
5 (2015)  **12 (2016)**
+17% PhD monthly salary

Budget

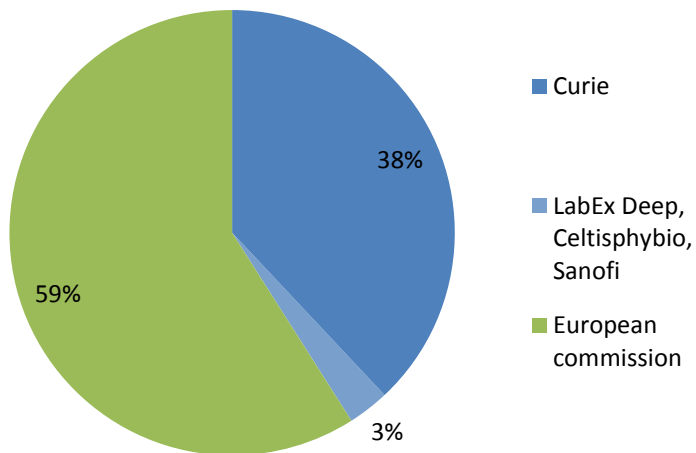
35 PhD candidates

5-year Co-Fund period

3 calls - 1st international call for application early 2016



Budget PhD salaries: 3,9 million€



Total project costs: 6,8 M€

EC Contribution: 2,7 M€

Proposal & calendar- lessons learnt

