



# IC-3i International PhD Program Call for applications 2019

## Applicant's guide

# IC-3i International PhD program

## Overview

Created in 1909 by Nobel Laureate Marie Curie, Institut Curie brings together a world-class multidisciplinary cancer research center and a model hospital group in Paris and its surroundings.

Institut Curie's IC-3i international PhD Program provides PhD students with a high level interdisciplinary, inter-sectorial, and international training with dedicated career development plans, secondments and mentoring.

IC-3i PhD fellows will carry out research in a vibrant environment based on the pluridisciplinary approaches and excellence offered by over 80 research groups comprising Institut Curie's 12 research departments grouped into 4 domains and a translational department:

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



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From left to right:  
Hospital building  
Curie Museum  
Course in Amphitheatre Marie Curie  
PhD Graduation Ceremony 2015

## Benefits of completing an IC-3i PhD

- A personalized Career Development Plan
- Access to technology platforms and equipment for scientific imaging, genomics, proteomics, and bioinformatics
  - Participation in the annual scientific meeting for young researchers to present their research work
    - Application for travel grants to attend meetings, summer schools, conferences or courses abroad
    - Opportunity to attend every year 300 conferences & seminars in English
    - Support and networking with the students and postdocs' association (Adic)
    - Registration at PSL University and affiliation to a Doctoral school
    - Housing at the Cité Internationale Universitaire de Paris (CIUP)
    - French courses for free on campus
    - Access to cafeteria for lunch, sports on Campus in Paris & Orsay and free internet access all over the campus



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# List of PhD positions available in 2019

## • The geometry of developmental time – Dissecting temporal cell-fate acquisition during *C. elegans* development

Thesis director(s) *Wolfgang Keil & Axel Buguin*  
Research team *Quantitative Developmental Biology*  
Research dept *UMR168 – Physico-Chimie*

## • Long noncoding RNAs as master regulators of intratumoral heterogeneity and tumor progression

Thesis director(s) *Antonin Morillon*  
Research team *Non Coding RNA, Epigenetic & Genome Fluidity*  
Research dept *UMR3244 – Dynamics of Genetic Information*

## • Control of cell emigration in development and cancer: from single cell to integrated in vivo level

Thesis director(s) *Anne-Helene Monsoro-Burq & Leon Peshkin*  
Research team *Signaling and Neural Crest Development*  
Research dept *UMR 3347/U1021 – Normal & Pathological Signaling: from the embryo to the innovative therapy of cancers*

## • Imaging at the single molecule level of nuclear organization and genome stability in quiescent cells

Thesis director(s) *Judith Miné-Hattab / Angela Taddei*  
Research team *Compartmentalization and Dynamics of Nuclear Functions*  
Research dept *UMR3664 – Nuclear Dynamics*

## • The tubulin code as a new therapeutic target - from single molecules to organisms

Thesis director(s) *Carsten Janke & Magda Magiera*  
Research team *Regulation of microtubule dynamics & research*  
Research dept *UMR3348 – Genotoxic stress and Cancer*

# Application process

## Application

Applicants have to complete an online application form in English when the call is open. Incomplete applications will not be eligible. No application will be accepted after the deadline **February 6<sup>th</sup> 2019 at 5:00pm CET (GMT +1)**. Applicants may apply for 1 thesis project via the online application system. The following documents are required:

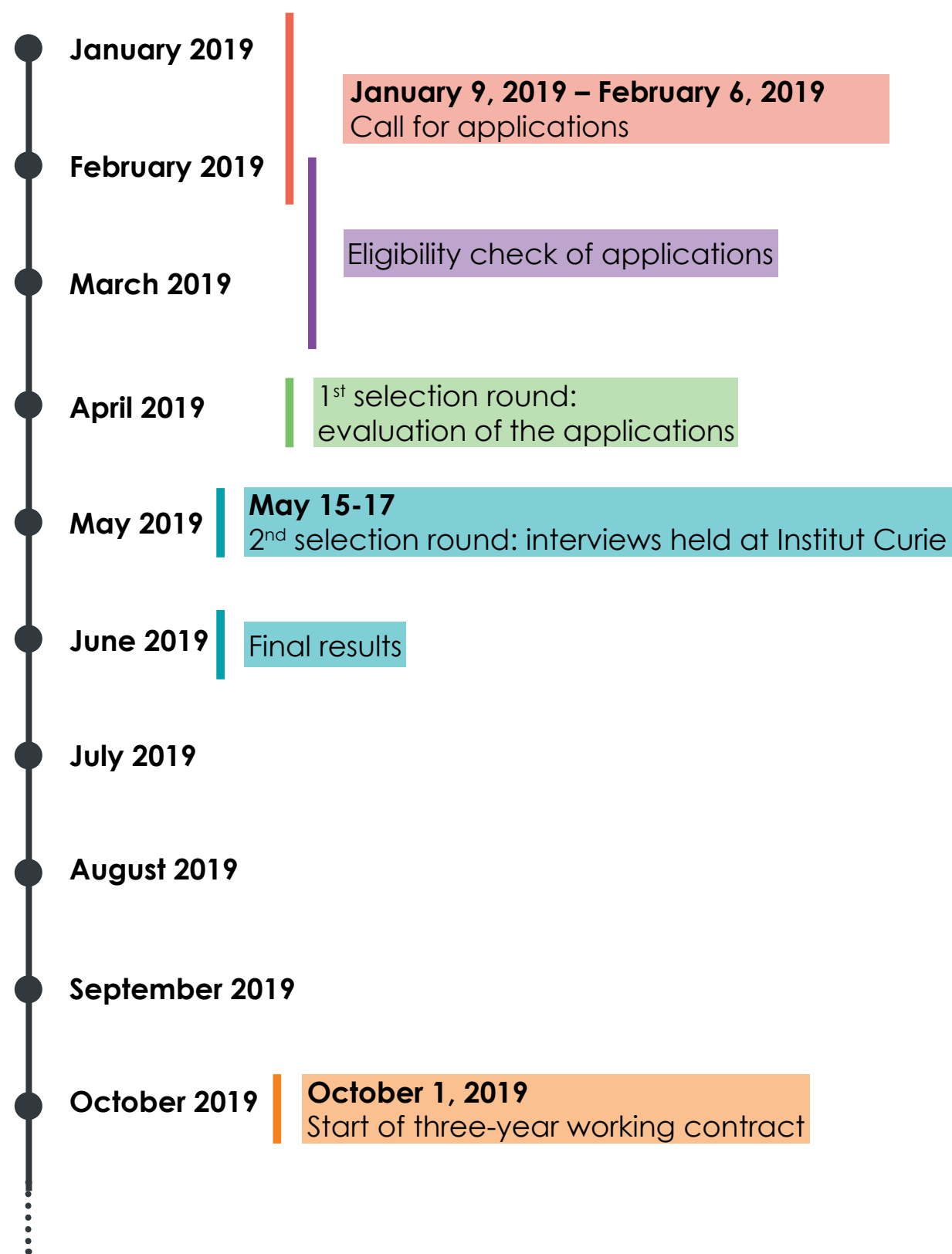
- a **CV**,
- a **motivation letter**,
- a copy of the **high school degree**,
- a copy of the **university degrees** including the Master's degree or equivalent 5 year university degree (translated by the applicant in English),
  - a copy of the **university grade transcript** from the Master's degree or equivalent 5 year university degree (translated by the applicant in English),
  - **2 recommendation letters**. Referees must have submitted their recommendation letters by the end of the call. We strongly advise applicants to contact their referees as soon as possible so that they have enough time to upload the recommendation letter online. It is the applicant's responsibility to ensure that the 2 recommendation letters are sent before the end of the call.

## Eligibility criteria

- Applicants must not have lived or worked in France for more than 12 months during the past 3 years prior to the closure of the call (**February 6<sup>th</sup> 2019**).
- Applicants must own a **Master's degree** (or be about to obtain one) or have a **university degree equivalent** to a European Master's (5-year duration) to be eligible.
- Applicants must have earned this degree **between January 1<sup>st</sup> 2017 and September 30<sup>th</sup>, 2019**.

Apply now at  
**training.curie.fr/ic3iphd**  
until **February 6<sup>th</sup>, 2019**

## Calendar



## Recruitment process

### • Eligibility check

At the end of the call, applicants will be informed of their eligibility by email. Eligible applicants will go through the 1<sup>st</sup> selection round.

### • 1<sup>st</sup> selection round

- Pre-selection of the 20 applications per project from the Governing Board and the Team Leaders
- Evaluation by the Review Committee

A committee composed of scientists from Institut Curie and experts from partner universities and organizations will rank the applications. For each PhD thesis project, applicants will be ranked and either shortlisted, on waiting list, or not selected.

Shortlisted candidates will be invited for the 2<sup>nd</sup> selection round. International applicants willing to apply for the IC-3i PhD Program should inquire about the visa procedure regarding their country, in preparation for the interview session in Paris.

### • 2<sup>nd</sup> selection round - Selection Committee interview session

Shortlisted candidates will be invited for an interview during a 3-days visit at Institut Curie **15-17 May 2019**. All shortlisted candidates will be interviewed by the Selection Committee.

They will visit the host laboratory, Institut Curie's campus, the Curie museum and Institut Curie's technology platforms. Institut Curie will provide accommodation, food and reimburse travel expenses (economy fare).

### • Feedback & redress process

Within a week after disclosure of the results (eligibility, first and second round of selection), applicants can appeal the decision by contacting [ic3iphd@curie.fr](mailto:ic3iphd@curie.fr).

## • Evaluation criteria

Applicants will be evaluated by the review committee on 3 main criteria. Reviewers will evaluate to which extent the application meets the criteria, by using a scale from 0: Fail to 10: Outstanding.

### EDUCATION

- Academic experience
  - Academic excellence (incl. prizes, dual degree, international programs, exchange programs)
  - Grades
- 3/3**

### PROFESSIONAL EXPERIENCE

- Recommendation letters
  - Work experience (training programs), both academic and private
  - Laboratory and theoretical experience
  - Cross-domain and international experience
- 2/3**

### PERSONAL EXPERIENCE

- Motivation letter
  - Knowledge of English
  - Volunteering or community service
  - Openness and creativity
- 2/3**

According to European policy, there is no disadvantage due to career breaks (for example, for family reasons).

## • Contact

For questions regarding application, please read the [FAQ](#).

# Are you ready to apply? Check the list!

## Eligibility Criteria

Candidates must:

- not have lived in France for more than 12 months during the past 3 years prior to February 6<sup>th</sup>, 2019 (Mobility rule)
- have a Master's degree** (or be about to obtain one) or have a university degree equivalent to a European Master's degree (5-year duration) to be eligible
- have obtained this degree no more than 2 years prior to February 6<sup>th</sup>, 2019

## Required documents for online application

- Your **CV**
- A **motivation letter**
- A copy of your **high school degree**
- A copy of your **applicant's master's degree** or equivalent five-year university degree (translated by the applicant into English)
- A copy of the **university grade transcript** from the master's degree or equivalent five-year university degree (translated by the applicant into English)
- Two recommendation letters.** Referees need to have submitted their recommendation letters by the end of the call for applications. We strongly advise applicants to contact their referees as soon as possible so that they have enough time to upload the recommendation letter online. It is the applicant's responsibility to ensure that the two recommendation letters are sent before the end of the call for applications.

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until **February 6<sup>th</sup>, 2019**

*“Nothing is to be  
feared,  
it is only to be  
understood.”*

Marie Skłodowska-Curie

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translational domains **ideas**  
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**skills** Intersectorial integrity  
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