

2023 Call for Applications

EuReCa International PhD Program

Europe, Research & Care

Applicant's Guide



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 847718



TOGETHER,
LET'S BEAT CANCER



EuReCa 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 EuReCa international PhD Program provides PhD students with high level interdisciplinary, inter-sectorial, and international training & coaching with dedicated career development plans, secondments and mentoring.

EuReCa PhD fellows will carry out research in a vibrant environment based on the pluri-disciplinary approaches and excellence offered by 88 research groups comprising Institut Curie's 13 joint units organized in 6 research areas and a translational department:

- [Epigenetics, RNA, and Genome Dynamics](#)
- [Cell Biology and Developmental Biology](#)
- [Physics of Living Systems and Chemical Biology](#)
- [Radiobiology and Molecular Imaging](#)
- [Tumor Biology and Immunology](#)
- [Computational Biology and Systems Biology](#)
- [Translational Research](#)



From left to right:
BDD Building
Curie Museum
Course in Amphitheatre Marie Curie

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Benefits of completing an EuReCa PhD

- Access to **technology platforms** and equipment for scientific imaging, genomics, proteomics, and bioinformatics
- Research work presentation in the **annual scientific meeting** for young researchers
- **Travel grants** to attend meetings, summer schools, conferences or courses abroad
- A **Personalized Career Development Plan**
- Opportunity to attend every year **300 conferences & seminars** in English
- Support and **networking** with the students and postdocs' association (Adic)
- Registration at Sorbonne Université, PSL University or Paris-Saclay University and affiliation to a Doctoral school
- Housing at the Cité Internationale Universitaire de Paris (CIUP)
- **French courses for free** on campus
- A **vibrant campus life** in Paris & Orsay (catering facilities, sports equipment, a Student Help Desk, social events, ...)
- A **PhD fellowship** of 2100€/month (monthly growth salary)



PhD Graduation Ceremony 2015
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List of PhD positions available in 2023

- **Histone variant H3.3 and cellular programs during development and cancer**

Thesis director(s)	Geneviève Almouzni & Iva Simeonova
Research team	Chromatin Dynamics
Research dept.	UMR3664 – Nuclear Dynamics

- **Optical Mapping on single chromosomes of DSB repair events by recombination in normal and cancer cells**

Thesis director(s)	Valérie Borde
Research team	Chromosome dynamics and recombination
Research dept.	UMR3244 - Dynamics of Genetic Information: Fundamental Bases and Cancer (Dig-Cancer)

- **Polymer modeling of local chromosome dynamics upon gene induction**

Thesis director(s)	Antoine Coulon & Vittore Scolari
Research team	Genome Functions in Space and Time
Research dept.	UMR 3664 - Nuclear Dynamics / UMR168 Physical Chemistry Curie

- **The role of mechano-chemical cues in vertebrate axial patterning and somite generation**

Thesis director(s)	Karine Guevorkian and Benoit Sorre
Research team	Dynamic Control of Signaling and Gene Expression
Research dept.	UMR168 - Physical Chemistry Curie

- **Temperature scaling of gene regulatory networks for C. elegans larval development**

Thesis director(s)	Wolfgang Keil & Christopher M. Hammell
Research team	Quantitative Developmental Biology
Research dept.	UMR168 - Physical Chemistry Curie

- **Investigating the role of Polycomb in epigenetic regulation and inheritance during mouse germline formation and embryogenesis: study of a new member of the PRC2 complex, EZHIP (Ezh2 Inhibitory Protein) using transgenic model**

Thesis director(s)	Raphaël Margueron
Research team	Mechanisms of Repression by Polycomb Proteins
Research dept.	U934/UMR3215 - Genetics and Developmental Biology

- **Deciphering the dynamics of gene co-expression at the single cell level to understand patterning and epithelium-to-mesenchyme transition in development and cancer**

Thesis director(s)	Anne-Hélène Monsoro-Burq
Research team	Signaling and Neural Crest Development
Research dept.	UMR3347 / U1021 – Signaling, Radiobiology and Cancer

- **Contribution of the roles of RNA species in the regulation of the human NHEJ-factor KU functions during DNA replication**

Thesis director(s)	Vincent Pennaneach & Sarah Lambert
Research team	DNA Recombination, Replication and Genome Stability
Research dept.	UMR3348 – Genome Integrity, RNA 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 **January 9th, 2023 at 4:00pm CET (GMT +1)**. Applicants may apply for 1 or 2 thesis project(s) 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 university degree (translated by the applicant in English) if available,
- a copy of the **university grade transcript** from the Master's degree or equivalent university degree (translated by the applicant in English) if available,
- **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 referees have enough time to upload the recommendation letter online. It is the applicant's responsibility to ensure that the 2 recommendation letters are uploaded by the referee before the call ends. Recommendation letters must be written on headed paper and bear the signature of the referees and an official stamp.

Please make sure all the documents requested are uploaded before submitting your application.

Eligibility criteria

- Early-stage researchers (ESR) shall at the call deadline **be in the first four years** (full-time equivalent research experience) **of their research careers** and have not been awarded a doctoral degree.

Full-time equivalent research experience is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited or seconded, irrespective of whether or not a doctorate is or was ever envisaged.

- Applicants from all countries are eligible. The applicants **may not have resided** or carried out their main activity (work, studies, etc) **in France for more than 12 months in the 3 years immediately before the call deadline**. *Time spent as part of a procedure for obtaining refugee status under the Geneva Convention, compulsory national service and/or short stays such as holidays are not taken into account.*

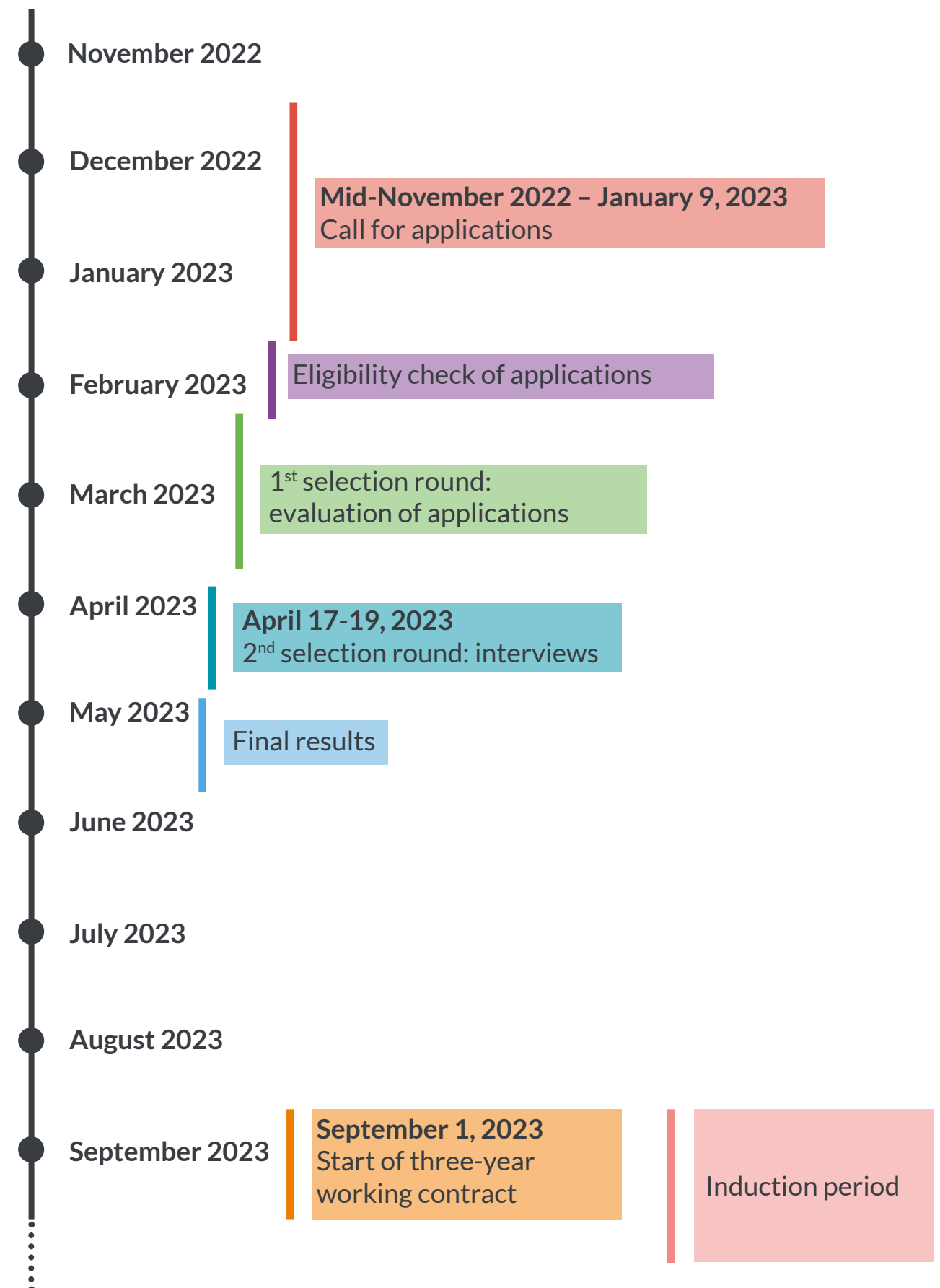
- Applicants must be in possession of (or be about to obtain) a European **master degree or equivalent master's degree** which would formally entitle them to embark on a doctorate.

Apply now at

training.institut-curie.org/eureca

until **January 9th, 2023**

Calendar



Recruitment process

Due to the Covid-19 crisis, Institut Curie is organizing all recruitment steps remotely. Selected PhD students will be contacted by the Human Resources Department to help organize their arrival according to national sanitary requirements in 2023.

- **Eligibility check**

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

- **1st selection round**

Selection of 3 to 5 candidates per project by the Review Board

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 (3 to 5 per project) will be invited for the 2nd selection round.

- **2nd selection round**

Shortlisted candidates will be invited for an **online** interview as well as meetings, presentations & live sessions during the 3-days interview session in **April 17-19, 2023**.

All shortlisted candidates will be interviewed by the Selection Committee. They will **remotely** discover the host laboratory, Institut Curie's campus, the Curie museum and Institut Curie's technology platforms.

- **Feedback & redress process**

Within a week after disclosure of the results (eligibility, first & second selection rounds), applicants can appeal the decision by contacting phd.eureca@curie.fr.

- **Evaluation criteria**

Online applications will be evaluated on 3 main criteria. Board members will evaluate to which extent the application meets the criteria, by using a scale from 0: Fail to 10: Outstanding.

EDUCATION

- Academic education
- Academic excellence (incl. prizes, participation in international programmes such as Erasmus)
- Dual degree/diploma

50 %

PROFESSIONAL EXPERIENCE

- Work/training experience in academia/hospital/private sector
- Cross domain incl. translational/clinical experience
- International experience

30 %

MOTIVATION/COMMUNICATION

- Motivation regarding the selected project(s)
- Ability to work in English at an academic level
- Openness and creativity

20 %

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:

- ☐ be in the first four years (full-time equivalent research experience) of their research careers and have not been awarded a doctoral degree at the call deadline.
- ☐ not have resided or carried out their main activity (work, studies, etc) in France for more than 12 months in the 3 years immediately before the call deadline.
- ☐ have (or be about to obtain) a European master degree or equivalent master's degree which would formally entitle them to embark on a doctorate.

Required documents for online application

- ☐ Your CV
- ☐ A motivation letter
- ☐ A copy of your high school degree
- ☐ A copy of your master's degree or equivalent master's degree (translated by the applicant into English) if available
- ☐ A copy of the university grade transcript from the master's degree or equivalent master's degree (translated by the applicant into English) if available
- ☐ 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 the referees have enough time to upload the recommendation letter online. It is the applicant's responsibility to ensure that the two recommendation letters are uploaded by the referee before the end of the call for applications. Recommendation letters must be written on headed paper and bear the signature of the referees and an official stamp.

Please make sure all the documents requested are uploaded before submitting your application

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IMMUNOLOGY.BIOLOGY.COURSES
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PHYSICS.**DEVELOPMENT**.LAB
TRANSLATIONAL.DOMAINS.IDEAS
COLLABORATION.**EuReCa**.**INTERNATIONAL**
PhD.PROGRAM.IMPACT.KNOWLEDGE
TEAM.BIOINFORMATICS.INDUSTRY
EXPLORE.**SCIENCE**.INNOVATION
SKILLS.INTERDISCIPLINARY.**PhD**
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