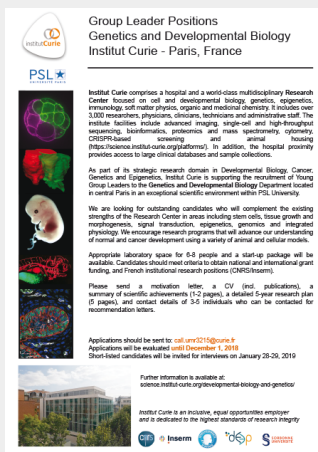




Directeur de l'Unité
Edith Heard
Directeur adjoint
Yohanns Bellaïche

CALL OPEN FOR GROUP LEADER POSITIONS until December 1, 2018



Group Leader Positions
Genetics and Developmental Biology
Institut Curie - Paris, France

PSL

Institut Curie comprises a hospital and a world-class multidisciplinary Research Center focused on cell and developmental biology, genetics, epigenetics, immunology, soft matter physics, organic and medicinal chemistry. It includes over 1,000 researchers, physicians, clinicians, technicians and administrative staff. The institute facilities include advanced imaging, single-cell and high-throughput sequencing, bioinformatics, genomics and transgenic technology, cytometry, CRISPR/Cas9-mediated genome editing and animal housing. Institut Curie provides access to large clinical databases and sample collections.

As part of its strategic research agenda in Developmental Biology, Cancer, Genetics and Epigenetics, Institut Curie is supporting the recruitment of Young Group Leaders to the Genetics and Developmental Biology Department located in central Paris in an exceptional scientific environment within PSL University.

We are looking for outstanding candidates who will complement the existing strengths of the Research Center in areas including stem cells, tissue growth and morphogenesis, signal transduction, epigenetics, genomics and integrated physiology. We encourage research programs that will advance our understanding of normal and cancer development using a variety of animal and cellular models.


Appropriate laboratory space for 6-8 people and a start-up package will be available. Candidates should meet criteria to obtain national and international grant funding and French institutional research positions (CHRIS/Inserm).

Please send a motivation letter, a CV (incl. publications), a summary of scientific achievements (1-2 pages), a detailed 5-year research plan (5 pages), and contact details of 3-5 individuals who can be contacted for recommendation letters.

Applications should be sent to: call.umr3215@curie.fr
Applications will be evaluated until December 1, 2018.
Short-listed candidates will be invited for interviews on January 28-29, 2019.

Further information is available at: science.institut-curie.org/developmental-biology-and-genetics/

Institut Curie is an inclusive, equal opportunities employer and is committed to the highest standards of research integrity.



We are looking for outstanding candidates who will complement the existing strengths of this department in areas including stem cells, tissue growth and morphogenesis, cell polarisation, signal transduction, epigenetics, genomics, and integrated physiology. We encourage research programs that will advance our understanding of normal and cancer development, using variety of animal and cellular models.

Applications should include a CV (with list of publications), a motivation letter, a summary of scientific achievements (1-2 pages), a detailed five-year research plan (5 pages), a one-page summary of research plan, and a contact details of 3-5 individuals who can be contacted for recommendation letters.

Applications should be sent to : call.umr3215@curie.fr

L'unité génétique et biologie du développement de l'Institut Curie a été inauguré en Octobre 2008, avec le soutien du CNRS et de l'Inserm et en partenariat avec l'Université Paris 6 (UPMC). L'unité se compose actuellement de neuf équipes de recherche compétitives au niveau international.

L'objectif de cette unité est basée sur la simple, mais fondamentale notion que la compréhension de la régulation du développement normal devrait nous fournir une meilleure compréhension de la base de la pathologie humaine. Au cours du développement, les cellules doivent intégrer différents types d'information moléculaire et physique pour proliférer, et prendre des décisions telles que l'opportunité de maintenir une différenciation pluripotente ou acquérir une spécialisation pour les fonctions spécifiques de tissus.

La cancérisation peut-être la suite de perturbations à chacun de ces niveaux et d'un dérèglement des voies de signalisation de développement, la prolifération cellulaire incontrôlée et une perte d'identité cellulaire.



Publications clés

Année de publication : 2018

Anna M Lilja, Veronica Rodilla, Mathilde Huyghe, Edouard Hannezo, Camille Landragin, Olivier Renaud, Olivier Leroy, Steffen Rulands, Benjamin D Simons, Silvia Fre (2018 May 23)

Clonal analysis of Notch1-expressing cells reveals the existence of unipotent stem cells that retain long-term plasticity in the embryonic mammary gland.

Nature cell biology : [DOI : 10.1038/s41556-018-0108-1](https://doi.org/10.1038/s41556-018-0108-1)

MaryJane Shimell, Xueyang Pan, Francisco A Martin, Arpan C Ghosh, Pierre Leopold, Michael B

O'Connor, Nuria M Romero (2018 Feb 23)

Prothoracicotropic hormone modulates environmental adaptive plasticity through the control of developmental timing.

Development (Cambridge, England) : [DOI : dev159699](https://doi.org/10.1093/dev/159699)

Année de publication : 2017

Louis Gervais, Allison Bardin (2017 Jun 30)

Tissue homeostasis and aging: new insight from the Fly intestine

Current Opinion in Cell Biology : [DOI : 10.1016/j.ceb.2017.06.005](https://doi.org/10.1016/j.ceb.2017.06.005)

Jérémy Sallé, Louis Gervais, Benjamin Boumard, Marine Stefanutti, Katarzyna Siudeja, Allison J. Bardin (2017 May 22)

Intrinsic regulation of enteroendocrine fate by Numb

EMBO Journal : [DOI : 10.15252/embj.201695622](https://doi.org/10.15252/embj.201695622)

Diana Pinheiro, Edouard Hannezo, Sophie Herszterg, Floris Bosveld, Isabelle Gague, Maria Balakireva, Zhimin Wang, Inês Cristo, Stéphane U Rigaud, Olga Markova, Yohanns Bellaïche (2017 Mar 16)

Transmission of cytokinesis forces via E-cadherin dilution and actomyosin flows.

Nature : [DOI : 10.1038/nature22041](https://doi.org/10.1038/nature22041)

Manuela Portoso, Roberta Ragazzini, Živa Brenčič, Arianna Moiani, Audrey Michaud, Ivaylo Vassilev, Michel Wassef, Nicolas Servant, Bruno Sargueil, Raphaël Margueron (2017 Feb 8)

PRC2 is dispensable for HOTAIR-mediated transcriptional repression.

The EMBO journal : [DOI : e201695335](https://doi.org/10.1038/emboj.201695335)