



MARS 2018

## Lettre mensuelle

### ACTUALITES :



[www.sfbd.fr](http://www.sfbd.fr)



@SFBD-BioDev.

Pour ne manquer aucune info importante, **SUIVEZ NOUS SUR TWITTER !! @SFBD-BioDev.**

### BOURSES DE VOYAGE 1<sup>er</sup> session 2018

Félicitations à Léa Rambaud (ENS, Lyon), Laurent Formery (LBDV, Villefranche-sur-Mer) et Anthony Léon (OOV, Villefranche-sur-Mer) qui ont obtenus des bourses de voyage subventionnées par l'ITMO, pour présenter leur travail lors d'un congrès international.

### SUBVENTIONS SFBD

La SFBD subventionne **des écoles thématiques et des congrès** (Participation forfaitaire ou prise en charge des frais d'un invité) : N'hésitez pas à nous contacter !!

**Il est temps de renouveler votre adhésion à la SFBD pour 2018** (si ce n'est pas déjà fait !)

En remplissant le formulaire d'adhésion en ligne :

- individuel: [http://www.sfbd.fr/new-website/spip.php?article38&var\\_mode=calcul](http://www.sfbd.fr/new-website/spip.php?article38&var_mode=calcul)
- par équipe: <http://www.sfbd.fr/new-website/spip.php?article39&lang=fr>

**Si vos données n'ont pas changées**, il vous suffit d'envoyer un bon de commande

à [sfbd@sfbd.fr](mailto:sfbd@sfbd.fr) ou un chèque à SFBD

CRBM, CAMPUS CNRS  
1919 route de Mende,  
F-34293 cedex 05

Adhésion individuelle

Adhésion par équipe

**-50€ pour les titulaires et post-doctorants**  
**-25€ pour les doctorants.**

**- jusqu'à 10 personnes - 200 euros;**  
**-10 personnes et plus - 300 euros.**

En vous remerciant par avance de votre soutien

## Bienvenue à preLights, site de mise en avant de preprints !

preLights est un site qui dépend de « The Company of Biologists » qui a pour but de mettre en avant des preprints, qui ne sont pas encore publiés dans les journaux à comité de lecture. Ainsi, une équipe de scientifiques choisit et commente régulièrement les articles en préimpressions qui, selon eux, intéressent la communauté biologique.

Pour en savoir plus : <https://prelights.biologists.com>

<http://thenode.biologists.com/introducing-prelights-preprint-highlights-selected-biological-community/news/>

## 2018 Joint Meeting SPBD|SEBD|SFBD



<http://www.spbd.pt/index.php/events/101-4th-spbd-meeting-2018>

Vous trouverez le programme préliminaire en fin de lettre.

## OFFRES DE POSTES

(voir détail des offres de group-leaders, post-docs et doctorants en fin de lettre)

- **2 PhD Europe-funded positions in Genevieve Almouzni lab at the institute Curie, Paris** These funding are for 3 years and are part of a new ITN EpiSyStem program. To be start in summer 2018 . For more information contact [episystem@mail.huji.ac.il](mailto:episystem@mail.huji.ac.il)
- **Postdoctoral position available from October 2018 to study the relation between epigenetics and 3D genome organization in Drosophila in the lab of Giacomo Cavalli.** More information: [Cavalli Team](#)
- **ANR funded postdoc position available in the research group “Cell migration and morphogenesis in the early embryo”, in the Laboratory for Optics and Bioscience, at Ecole Polytechnique** funded through an ANR Grant for up to 24 months. Ideal starting date around May 2018. If you are interested, please contact Nicolas David (nicolas.david@polytechnique.edu) with a brief statement of your research interests, your CV and up to 3 recommendation contacts. [Nicolas David team](#)
- **IGBMC International PhD Programme Call 2018.** The IGBMC is committed to train students in all fields of structural, molecular and cellular biology and to expose them to cutting-edge technology. With a vivid scientific life and an International environment, the IGBMC is the perfect place for PhD students to develop their research projects. Selected candidates will receive a full fellowship with social benefits. **Deadline is March 21, 2018 (noon Paris time).** More information [here](#)
- **Postdoctoral Positions in Developmental and Evolutionary Genetics University of California – Davis, USA** The lab and the broader research environment at UC Davis provide a friendly and supportive atmosphere and many opportunities for collaboration with leading experts in genomics, evolutionary biology, and cell and developmental biology. If interested, please contact Artyom Kopp (akopp@ucdavis.edu) with a CV, a statement of research interests and experience, and the names of three references. [Kopp Team](#)
- **Postdoctoral Position available in the Sokol laboratory in the Department of Cell, Developmental and Regenerative Biology, Icahn School of Medicine at Mount Sinai, New York** The group uses live imaging, genome editing and proximity biotinylation approaches to assess cell signaling and lineage decisions during gastrulation and neural development. We are also interested in the roles of the centrosome and cilia in epithelial cell polarity and asymmetric cell divisions in Xenopus, zebrafish and mammalian progenitor cells. See the description at (<http://labs.icahn.mssm.edu/sokollab/> or <http://icahn.mssm.edu/profiles/sergei-y-sokol>)

➤ **2 year-Postdoctoral Fellowship, Landmann Lab, CRBM Montpellier on the Control of a germline developmental program by the Wolbachia endosymbionts in filarial nematodes** The ideal candidate should be experienced in RNAseq analyses, and some knowledge in invertebrate biology from insect to nematode species is a plus. He/she will participate to the maintenance of the Brugia life cycle, shuffling from mosquitos to gerbils. The lab is part of the CRBM, the center for cell biology research in Montpellier, offering state of the art platforms and facilities. [CRBM](#)

To apply, please send your motivation letter along with your resume and with two reference letters. This position is to be filled this spring.

**contact : [frederic.landmann chez crbm.cnrs.fr](mailto:frederic.landmann@crbm.cnrs.fr)**

➤ **PHD call at Turing Centre for Living Systems (centuri) in Marseille** - CENTURI brings together leading institutes in biology, physics, mathematics, computer science and engineering to decipher the complexity and dynamics of living systems. CENTURI offers an exceptional international environment for the development of interdisciplinary projects, in developmental biology, immunology and neurosciences. **Deadline for applications: 15 April 201** Website for applications: <http://centuri-livingsystems.org>

If you want your offer to be advertised here, please send your ad to: [sophie.vialar@univ-tlse3.fr](mailto:sophie.vialar@univ-tlse3.fr),  
[cedric.maurange@univ-amu.fr](mailto:cedric.maurange@univ-amu.fr),

### Training school



<https://portail.polytechnique.edu/bioc/en/Summer-school-migration-2018>

### MEETING

### Jacques Monod/CNRS Workshop

**MODELING CELL FATE**  
A Jacques Monod/CNRS Developmental Biology Workshop

**19-23 Nov 2018**  
**Roscoff, Brittany, France**  
Application deadline 15 Aug. 2018  
For info or application, go to:  
<http://www.cnrs.fr/insb/cjm>

**Emerging properties of cell populations**  
**Cell interactions sculpting tissues**  
**Physical properties of cells**  
**Cell lineages in embryos and tissues**  
**Stochasticity of gene regulation in patterning**

<http://www.cnrs.fr/insb/cjm>

# Physics of Living Matter

13<sup>th</sup> edition – 11- 12 September 2018

This year PLM will be held in Marseille on 11 and 12 September 2018.

In addition to an exciting programme presented by renowned speakers, oral presentations will be selected from the submitted abstracts and two poster sessions will be organized. Thank you to register as soon as possible at [www.plm-symposium.org](http://www.plm-symposium.org)

## Journée Recherche & Santé (JRS) INSERM



Les Journées Recherche et Santé sont des séminaires de formation organisés en collaboration avec les Instituts thématiques multi-organismes à l'initiative du Bureau des formations scientifiques et de soutien à la recherche (BFSSR) du Département des ressources humaines de l'Inserm.

### Éthique de la recherche et évolutions normatives

Jeudi 31 mai 2018

Académie nationale de médecine  
16 rue Bonaparte – Paris 6<sup>e</sup>

Proposée par le Comité d'évaluation éthique de l'Inserm (CEEI), l'Institut Thématique Multi-Organismes Santé Publique (Aviesan) et le Bureau des Formations Scientifiques et de Soutien à la Recherche (BFSSR). Le but de la journée est de présenter les parcours de mise en œuvre des recherches en santé et en SHS, intégrant la réflexion éthique au cœur de la démarche scientifique dans le contexte des bouleversements réglementaires actuels. **Inscription gratuite mais obligatoire sur le site dédié jusqu'au 30 avril : [lien direct vers le site](#)** Consulter le programme détaillé

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## **SOUTENEZ LA SFBD !**

### **DONS SFBD**

Dorénavant, pour chaque don fait à la SFBD, un reçu fiscal sera délivré qui permettra une déduction d'impôt de 66% N'hésitez plus !

Pour faire un don il faut aller ici: <http://www.sfbd.fr/new-website/spip.php?article37>

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### ***DETAIL DES ANNONCES ET DES OFFRES DE POSTE***



**Joint Meeting of the  
Portuguese, Spanish and  
French Societies for  
Developmental Biology**

4th Meeting of the Portuguese  
Society for Developmental Biology



## PRELIMINARY PROGRAMME

WEDNESDAY, 7<sup>TH</sup> NOVEMBER

16:00 - 18:30	REGISTRATION and POSTER setup
18:30 - 18:45	OPENING SESSION
18:45 - 19:45	OPENING KEYNOTE LECTURE Thomas Lecuit, Marseille, FR
19:45 - 21:30	WELCOME RECEPTION

THURSDAY, 8<sup>TH</sup> NOVEMBER

### SESSION 1\_STEM CELLS / REGENERATION / ORGANOIDS

09:30 - 10:00	Bernhard Payer, Barcelona, ES
10:00 - 10:15	SELECTED TALK 1
10:15 - 10:30	SELECTED TALK 2
10:30 - 11:00	Anne Grapin-Botton, Copenhagen, DK
11:00_11:30	COFFEE BREAK
11:30 - 12:00	Lino Ferreira, Cantanhede, PT
12:00 - 12:15	SELECTED TALK 3
12:15 - 12:30	SELECTED TALK 4
12:30 - 13:00	Leila Perié, Paris, FR
13:00_14:00	LUNCH
14:00 - 16:00	POSTER SESSION 1 <u>with coffee</u>

### SESSION 2\_EVO-DEVO / EMERGING MODELS

16:00 - 16:30	Sylvie Rétaux, Paris, FR
16:30 - 17:00	Patricia Beldade, Toulouse, FR
17:00 - 17:15	SELECTED TALK 5
17:15 - 17:30	SELECTED TALK 6
17:30 - 18:00	Isaac Salazar-Ciudad, Helsinki, FI
18:00 - 19:00	MEETINGS OF THE SOCIETIES

FRIDAY 9<sup>TH</sup> NOVEMBER

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**SESSION 3\_NUCLEAR ARCHITECTURE / EPIGENETICS / TRANSCRIPTION / GRN**

09:30 - 10:00            **Peter Askjaer**, Sevilla, ES  
10:00 - 10:15            **SELECTED TALK 7**  
10:15 - 10:30            **SELECTED TALK 8**  
10:30 - 11:00            **Ana Pombo**, Berlin, DE  
  
11:00 - 11:30            COFFEE BREAK

**SESSION 4\_NEURODEVELOPMENT**

11:30 - 12:00            **Patrick Blader**, Toulouse, FR  
12:00 - 12:15            **SELECTED TALK 9**  
12:15 - 12:30            **SELECTED TALK 10**  
12:30 - 13:00            **Diogo Castro**, Oeiras, PT  
13:00 - 13:30            **Eloisa Herrera**, Alicante, ES  
  
13:30 - 14:30            LUNCH

**14:30 - 16:30**            **POSTER SESSION 2 *with coffee***

**SESSION 5\_SIGNALLING AND METABOLISM**

16:30 - 17:00            **Alisson Gontijo**, Lisbon, PT  
17:00 - 17:30            **Hitoyoshi Yasuo**, Villefranche-sur.Mer, FR  
17:30 - 17:45            **SELECTED TALK 11**  
17:45 - 18:00            **SELECTED TALK 12**  
18:00 - 18:30            **Marcos Gonzalez-Gaitan**, Geneva, CH  
  
18:30 - 24:00            SOCIAL EVENT | MEETING DINNER

SATURDAY 10<sup>TH</sup> NOVEMBER

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**SESSION 7\_MORPHOGENESIS/BIOMECHANICS/BIOPHYSICS**

09:30 - 10:00            **Susana Lopes**, Lisbon, PT  
10:00 - 10:30            **Olivier Hamant**, Lyon, FR  
10:30 - 10:45            **SELECTED TALK 13**  
10:45 - 11:00            **SELECTED TALK 14**  
  
11:00 - 11:30            COFFEE BREAK  
  
11:30 - 12:00            **Verena Ruprecht**, Barcelona, ES  
12:00 - 12:15            **SELECTED TALK 15**  
12:15 - 12:30            **SELECTED TALK 16**  
  
**12:30 - 13:30**            **CLOSING KEYNOTE LECTURE**  
**Angela Nieto**, Alicante, ES  
  
13:30 - 13:45            CONCLUDING REMARKS



# PhD position

## Institut Curie - Paris, France

The Chromatin Dynamics group led by Geneviève Almouzni at the Curie Institute is now accepting applications for two fully funded 3-year Ph.D positions to be started in summer 2018 as part of the H2020 Marie Skłodowska Curie Training Network on Stem Cell Epigenetics.

The EpiSyStem network – Epigenetics and Systems Biology of Stem Cells and Reprogramming – is a new EU funded Innovative Training Network (ITN), comprised of 8 leading academic partners and 2 professional industrial partners. In addition to a competitive training program, successful applicants will enjoy exchange programs, workshops on emerging topics in stem cell epigenetics, international conferences and meetings, and much more.

### Research project:

A central question in chromatin biology is how to both structurally organize the genome and mark specific regions with a choice of histone variants. Histone chaperones—escort factors that regulate the supply, loading, eviction, and degradation of histone variants—are key in the placement of histone variants at specific chromatin landmarks and bridge organization scales from the nucleosome to higher order structures. Alterations in the fine-tuning between variants of histones and their chaperones, can profoundly affect tissue homeostasis in distinct manners, the final effect depending on the nature of the alterations, the cellular context and the given developmental timing. Critically, alterations of histone variants and their chaperones have emerged as the hallmarks of specific childhood cancers, linking improper chromatin organization to developmental disorders.

The successful candidates will combine genome editing, biochemistry, state-of-the-art imaging and epigenomics to analyze functional networks involved in the dynamics of histone variants, and to evaluate the impact of dosage imbalances on dynamic chromatin organization in vitro and in vivo. They will benefit from available tumor libraries and from elaborate temporally and genetically controlled in vivo systems, to decipher the mechanisms triggered by experimentally induced changes in epigenetic mechanisms and their potential impact on pluripotency and cell fate.

### Scientific and technical background of the successful applicants:

We will particularly encourage investigators seeking to connect the molecular bases of chromatin dynamics to development and cancer. Previous laboratory experience is a must. Candidates with a technical background in cell culture, biochemical analysis of histones and chromatin proteins, fluorescence microscopy (including live imaging), chromatin immuno-precipitation will be given priority. Previous experience with mouse or Xenopus systems, mass spectrometry, as well as in bioinformatics analysis of microscopy images and/or genome-wide data are not required but would be a plus.

### For more information, please contact:

episystem@mail.huji.ac.il



SORBONNE  
UNIVERSITÉ  
CRÉATEURS DE FUTURS  
DEPUIS 1257

PSL  
RESEARCH  
UNIVERSITY



### PhD position on epigenetics and nuclear organization in *Drosophila*

A postdoctoral position is available from October 2018 to study the relation between epigenetics and 3D genome organization in *Drosophila* in the lab of Giacomo Cavalli.

*Drosophila* has been a tremendously successful model system for the study of genomics and epigenomics. Our lab has uncovered the spatial organizational principles of the fly genome and shown that Polycomb proteins can mediate epigenetic inheritance through development and, under certain circumstances, transgenerationally. The PhD project will combine epigenomics and superresolution-microscopy with the power of genome engineering techniques and should provide fundamental mechanistic insights into the architectural function of chromosomal elements that are essential to stabilize Polycomb-mediated gene silencing. The work, in the framework of an ERC-funded project, will be performed in the laboratory of Giacomo Cavalli (IGH, Montpellier) under the co-supervision of Bernd Schuettengruber (a senior researcher providing expertise in epigenomic approaches and the study of the mechanisms of chromatin repression by Polycomb proteins) and in close collaboration with the laboratory of Marcelo Nollman (CBS, Montpellier), providing expertise in superresolution microscopy techniques.

Candidates must be highly motivated and hardworking. Experience in fly genetics, epigenetics, molecular and cell biology, epigenomic analysis of transcription, epigenomics, and 3D genomics data, will be a plus. IGH is a flagship institute for life science research and is located in a beautiful region in the French Mediterranean coast. It offers state of the art equipments and facilities in a top-notch international environment.

> Please email your CV, a statement of research interests, and arrange for two/three reference letters to be sent independently by the reviewers directly to the address:

[giacomo.cavalli@igh.cnrs.fr](mailto:giacomo.cavalli@igh.cnrs.fr)

> For more information, see websites:

<https://www.igh.cnrs.fr/en/research/departments/genome-dynamics/21-chromatin-and-cell-biology>

### Selected papers from the lab

- 1) Schuettengruber, B., Bourbon, H., Di Croce, L., and **Cavalli, G.** (2017). Genome Regulation by Polycomb and Trithorax: 70 years and counting. **Cell** 171, 34-57
- 2) Bonev, B., Mendelson Cohen, N., Szabo, Q., Fritsch, L., Papadopoulos, G., Lubling, Y., Xu, X., Lv, X., Hugnot, J.-P., Tanay, A., and **Cavalli, G. (2017)**. Multi-scale 3D genome rewiring during mouse neural development. **Cell** 171, 557-572.e24.
- 3) Ciabrelli, F., Comoglio, F., Fellous, S., Bonev, B., Ninova, M., Szabo, Q., Xuéreb, A., Klopp, C., Aravin, A., Paro, R., Bantignies, F., and **Cavalli, G.** Stable Polycomb-dependent transgenerational inheritance of chromatin states in *Drosophila* (2017). **Nature Genet**, doi:10.1038/ng.3848.
- 4) Loubiere, V., Delest, A., Thoma, A., Bonev, B., Schuettengruber, B., Sati, S., Martinez, AM., and **Cavalli, G. (2016)**. Coordinate redeployment of PRC1 proteins suppresses tumor formation during Drosophila development. **Nature Genet**, 48, 1436-1442, doi:10.1038/ng.3671.
- 5) Sexton, T., and **Cavalli, G. (2015)**. The role of chromosome domains in shaping the functional genome. **Cell**, 160, 1049-1059
- 6) Sexton, T., Yaffe, E., Kenigsberg, E., Bantignies, F., Leblanc, B., Hoichman, M., Parrinello, H., Tanay, A., and **Cavalli, G. (2012)**. Three-dimensional folding and functional organization principles of the *Drosophila* genome. **Cell** 148, 458-472



## Laboratory for Optics and Biosciences

Dr. Nicolas DAVID

### Postdoc position: Cell migration in the early embryo

Laboratory for Optics and Biosciences, Ecole Polytechnique

An ANR funded postdoc position is available in the research group “Cell migration and morphogenesis in the early embryo”, in the Laboratory for Optics and Bioscience, at Ecole Polytechnique (Palaiseau, 25km from Paris, France).

#### PROJECT

We are generally interested in understanding of how the complex environment that cells experience in vivo (neighboring cells, extracellular matrix, chemical cues, mechanical constraints) influences their migration, and how it allows coordination of cell behavior, ensuring proper morphogenesis and development. We use the zebrafish gastrula as a model system offering high quality imaging, genetic tools and direct manipulation (transplants, explants, laser ablations, application/relief of mechanical constraints...). We mostly focus on migration of endodermal and mesodermal cells, with questions shifting from a developmental perspective (how do germ layers form) to a cell biology perspective (identification of new actin regulators controlling in vivo migration).

The position will be funded through an ANR Grant **for up to 24 months**. Ideal starting date would be around May 2018.

The objective is to characterize in vivo the function of new modulators of actin dynamics, and how they affect cell migrations. The project is however open to discussion as long as it is connected to the current topics of the laboratory.

#### EXPECTED PROFILE OF THE CANDIDATES

We seek a highly motivated candidate with interests in cell and developmental biology and a good working knowledge in live imaging. Previous experience with zebrafish is recommended but not mandatory. Ideally, the candidate should also be comfortable with quantitative approaches and basic knowledge in programming is a plus.

#### THE LAB

The Ecole Polytechnique is located on the ‘plateau de Saclay’, bound to be the largest French research area. The laboratory for Optics and Biosciences gathers cell biologists and experts in optics and live imaging. **The team** is fully equipped to work with zebrafish and has access to cutting edge imaging systems, some unique developed in the lab.

If you are interested, please **contact Nicolas David** ([nicolas.david@polytechnique.edu](mailto:nicolas.david@polytechnique.edu)) with a brief statement of your research interests, your CV and up to 3 recommendation contacts.

# IGBMC

## international PhD programme



# APPLICATIONS

From January 31<sup>st</sup>, 2018  
to March 21<sup>st</sup>, 2018 (noon, Paris time)

## Institute of Genetics and Molecular and Cellular Biology

STRASBOURG - FRANCE

a cosmopolitan city, in the heart of Europe

### PROGRAMMES

#### Development & stem cells

- Stem cell fate, organogenesis & metabolism
- Cell physics & developmental biology
- Cell cycle & genome integrity



#### Integrated structural biology

- Drug design
- Mechanisms of transcription
- Translation & signaling

#### Translational medicine & neurogenetics

- Brain & muscle diseases
- Mechanisms of diseases
- Therapeutic research



#### Functional genomics & cancer

- Gene expression regulation
- Epigenetics & computational biology
- Mechanisms & pathways of cancer
- Nuclear receptor signaling

250  
publications/year

110 PhD  
students

47  
nationalities

Outstanding  
core facilities



More information and online application at <http://phdprogramme.igbmc.fr/application/>



# CENTURI

TURING CENTRE  
FOR LIVING SYSTEMS

© Caroline Choquet - Team Kelly (IBDM)

## The Turing Centre for Living Systems (CENTURI) opens its international PhD programme.

CENTURI brings together leading institutes in **biology, physics, mathematics, computer science and engineering** to **decipher the complexity and dynamics of living systems**. CENTURI offers an exceptional international environment for the development of **interdisciplinary** projects, in **developmental biology, immunology and neurosciences**.

CENTURI is mainly located in the Luminy campus of Aix-Marseille University and is affiliated to **Aix-Marseille University, CNRS, INSERM and École Centrale Marseille**.

**CENTURI seeks to attract students willing to work in an interdisciplinary life-science environment and with backgrounds in cell or developmental biology, immunology, neurosciences, theoretical physics, biophysics, computer science, bioinformatics, applied mathematics, engineering.**



Recruited PhD students will work in collaboration with **two or three groups** involved in the CENTURI project.

CENTURI PhD students will benefit from **courses and specific trainings** and will also have the opportunity to attend **workshops and international meetings**.

Application site: <http://centuri-livingsystems.org/recruitment/>

Deadline: **15<sup>th</sup> April 2018**.

Short-listed candidates will interviewed in **mid-June**.

For informal inquiries please contact [info@centuri-livingsystems.org](mailto:info@centuri-livingsystems.org).

### Research institutes in CENTURI

- ▶ Developmental Biology Institute of Marseille (IBDM, UMR 7288)
- ▶ Mediterranean Institute of Neurobiology (INMED, UMR 1249)
- ▶ Center of Immunology of Marseille- Luminy (CIML, UMR 7280)
- ▶ Adhesion & Inflammation Lab (LAI, UMR 1067, UMR 7333, U 1006)
- ▶ Theories and Approaches of Genomic Complexity (TAGC, UMR 1090)
- ▶ Bacterial Chemistry Laboratory (LCB, UMR7283)
- ▶ Interdisciplinary Centre of Nanosciences of Marseille (CINaM, UMR 7325)
- ▶ Centre of Theoretical Physics (CPT, UMR 7332)
- ▶ Institut Universitaire des Systèmes Thermiques Industriels (IUSTI, UMR 7343)
- ▶ Institut de Recherche sur les Phénomènes Hors Equilibre (IRPHE, UMR 7342)
- ▶ Laboratoire Mécanique et Modélisation, Procédés Propres (M2P2, UMR 7340)
- ▶ Fresnel Institute (UMR 7249)
- ▶ Institute of Mathematics of Marseille (I2M, UMR 7373)
- ▶ Computer and System Sciences Laboratory (LIS, UMR 7020)

# Cell Migration in Health and Diseases

## Summer School

### June 27-July 3, 2018

### Paris, France

#### Organizers

- Nicolas David (Ecole Polytechnique)
- Alexis Gautreau (Ecole Polytechnique)
- Guangshuo Ou (Tsinghua University)

#### Lecturers

- James Bear (University of North Carolina)
- Liang Cai (Fudan University)
- Jian-Feng Chen (Chinese Academy of Science)
- Zhucheng Chen (Tsinghua University)
- Plastino Julie (Institut Curie)
- Roberto Mayor (University College London)
- Maddy Parsons (Kings College London)
- Matthieu Piel (Institut Curie)
- Pascal Silberzan (Institut Curie)
- Xiaobo Wang (Universite Toulouse)
- Michael Way (Francis Crick Institute)
- Li Yu (Tsinghua University)



Ecole Doctorale  
INTERFACES



Journal of  
**Cell Science**

**Cell Research**

**Venue:** Ecole Polytechnique, Palaiseau (25 km south of Paris), France

**More Information:**

<https://portail.polytechnique.edu/bioc/en/Summer-school-migration-2018>

**Deadline:** March 1<sup>st</sup> 2018

# MODELING CELL FATE

A Jacques Monod/CNRS Developmental Biology Workshop

## Invited speakers

Geneviève Almouzni

Alexander Aulehla

Allison Bardin

Dominique Bergmann

Florence Besse

Sarah Bray

Claire Chazaud

Enrico Coen

Michèle Crozatier

Alain Goriely

Thomas Gregor

Laura Johnston

Frank Jülicher

Ryoichiro Kageyama

Bill Keyes

Thomas Lecuit

Andrew Oates

Patrick O'Farrell

Ewa Paluch

Nancy Papalopulu

Catherine Rabouille

Jody Rosenblatt

François Schweisguth

Benjamin Simons

Claudio Stern

Julien Vermot

Jean-Paul Vincent

Magdalena Zernicka-Goetz

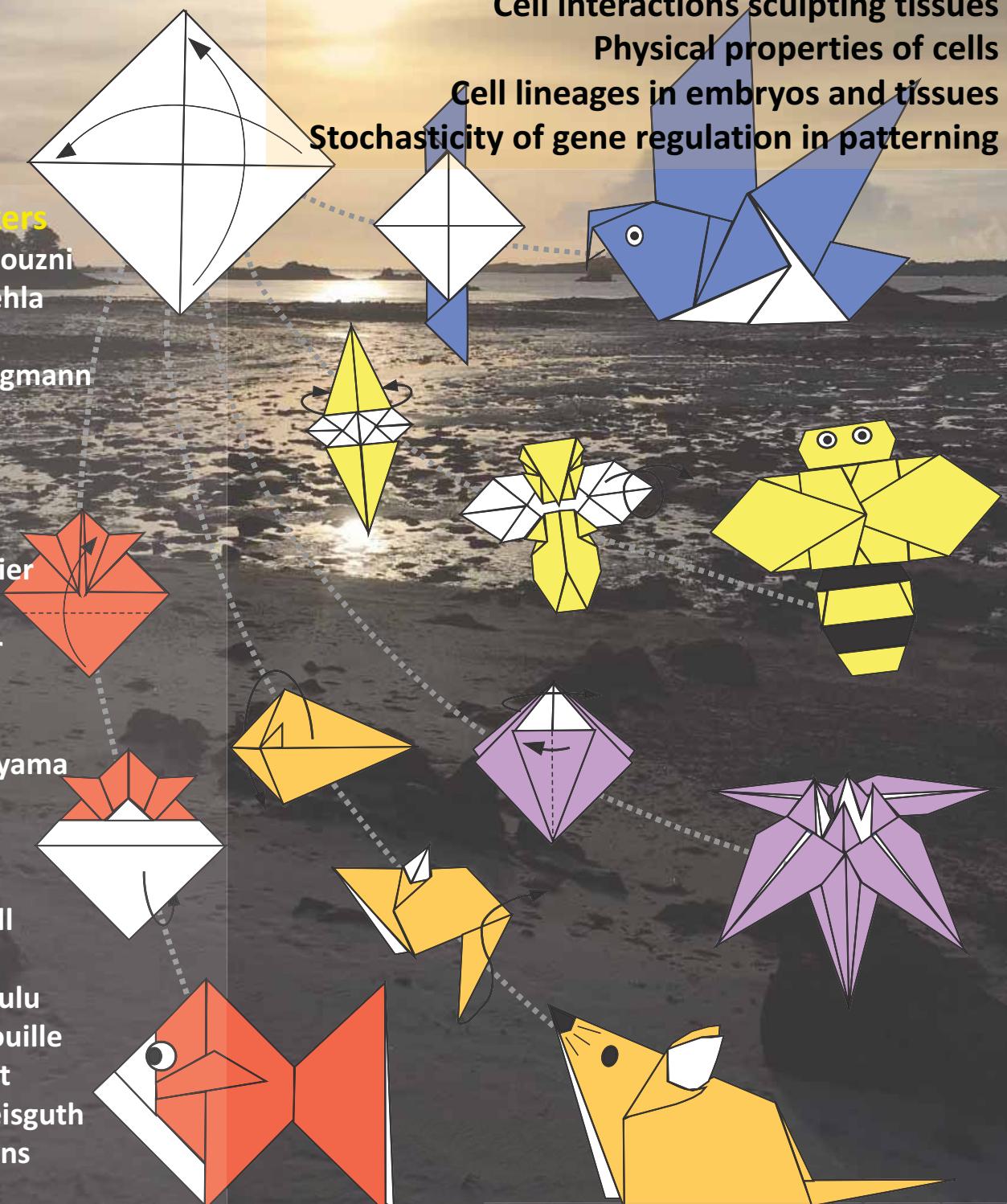
Emerging properties of cell populations

Cell interactions sculpting tissues

Physical properties of cells

Cell lineages in embryos and tissues

Stochasticity of gene regulation in patterning



Organized by

Laure Bally-Cuif, Inst. Pasteur, Paris  
Claude Desplan, NYU, New York City

# Physics of Living Matter

13<sup>th</sup> edition – 11- 12 September 2018

[www.plm-symposium.org](http://www.plm-symposium.org)

## Invited Speakers

### Turing Lecture:

**Ben SIMONS** (University of Cambridge, UK)

## Important Dates

Deadline for early registration and abstracts submission: **30<sup>th</sup> April**

Deadline for registration: **31<sup>st</sup> August**

**Organisers:** Jérôme Epsztein,  
Bianca Habermann, Thomas Lecuit,  
Pierre-François Lenne, Annie Viallat

**Co-organisers:** Andre Brown,  
Kevin Chalut, Kristian Franze, Ewa Paluch

### Bragg Lecture:

**Terence HWA** (University of California, USA)

**Rosa COSSART** (Inmed, France)

**Yoël FORTERRE** (IUSTI, France)

**Kristian FRANZE** (University of Cambridge, UK)

**Andreas HERZ** (LMU, Germany)

**Prisca LIBERALI** (FMI, Switzerland)

**Tâm MIGNOT** (LCB, France)

**Pere ROCA-CUSACHS** (IBEC, Spain)

**Daniel ST JOHNSTON** (University of Cambridge, UK)

**Pavel TOMANCAK** (MPI-CBG, Germany)

**Marie-Hélène VERLHAC** (Collège de France)

**Alexandra WALCZAK** (ENS, France)

**Aryeh WARMFLASH** (Rice University, USA)

## Marseille - France

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physical**biology**



Les Journées Recherche et Santé sont des séminaires de formation organisés en collaboration avec les Instituts thématiques multi-organismes à l'initiative du Bureau des formations scientifiques et de soutien à la recherche (BFSSR) du Département des ressources humaines de l'Inserm.

# Éthique de la recherche et évolutions normatives

Jeudi 31 mai 2018

Académie nationale de médecine

16 rue Bonaparte – Paris 6<sup>e</sup>

## Organisation scientifique

Christine Dosquet, Présidente du CEEI/IRB de l'Inserm (Service de biologie cellulaire et Inserm UMR 1131, Hôpital Saint-Louis, Paris), Philippe Amiel (UMR 1123, ECEVE Inserm, Faculté de médecine Paris Diderot), Bruno Clément (Inserm UMR 991, Université de Rennes I), Frédérique Lesaulnier (DAJ - Inserm), Raphaël Porcher (CRESS-UMR 1153), Alice René (Cellule Réglementation et Bioéthique, CNRS), Maria Teixeira (UMR 1123, ECEVE - Inserm, Faculté de médecine Paris Diderot), Viviane Viollet (Alliance Maladies Rares)

## PROGRAMME

- |         |  |
|---------|--|
| 09 h 00 | Accueil - café   |
| 09 h 30 | Ouverture, Pr. Yves Levy (Président-directeur général de l'Inserm) |
| 09 h 45 | Présentation, Christine Dosquet                                    |

### Session 1 - NOUVELLES NORMES POUR LA RECHERCHE (modérateur : Bruno Clément)

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|---------|--|
| 10 h 00 | Turbulences normatives sur la recherche en France et à l'international - Philippe Amiel  |
| 10 h 30 | Recherche en santé et données personnelles : la nouvelle donne - Frédérique Lesaulnier   |
| 11 h 00 | Recherches sur les échantillons biologiques humains : aspects juridiques et éthiques - Emmanuelle Rial-Sebbag (Inserm UMR1027, Université de Toulouse) |
| 11 h 30 | Discussion introduite par Viviane Viollet (Alliance Maladies Rares)  |

### Session 2 - DONNÉES DE LA RECHERCHE ET SCIENCE OUVERTE (modérateur : Raphaël Porcher)

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|---------|--|
| 12 h 00 | Les données de la recherche, des communs scientifiques ? - Agnès Robin (ERCIM/UMR 5815 Dynamiques du Droit, Université de Montpellier) |
| 12 h 30 | Partage des données de la recherche en santé - Pr Isabelle Boutron (Inserm-CRESS 1153, Université Paris Descartes, APHP)               |
| 12 h 45 | Discussion   |

- 13 h 00 Pause déjeuner sur place

### Session 3 - QUALIFICATION DES PROJETS : ENJEUX ET RESPONSABILITÉS (modératrice : Alice René)

- |         |  |
|---------|--|
| 14 h 30 | Un an de loi Jardé au CEEI : CPP ou IRB ? - Christine Dosquet  |
| 14 h 45 | Programme 13-Novembre - Pr. Francis Eustache (EPHE et Inserm 1077, université de Caen), Denis Peschanski (CNRS - CESSP, Paris) |
| 15 h 15 | Discussion introduite par Carine Klein, CNRS, secrétaire générale du programme 13-Novembre                                     |

### Session 4 - LES RECHERCHES EN SHS : PARCOURS RÈGLEMENTAIRE ET ÉTHIQUE (modératrice : Maria Teixeira)

- |         |   |
|---------|---|
| 15 h 30 | Le projet ReTard VIH - Renaud Mabire (Doctorant, Université Lumière Lyon2)      |
| 15 h 45 | Le projet EDUCATED - Vincent Schlegel (Doctorant EHESS, Cermès3)                |
| 16 h 00 | Le projet TARICA, un projet développé au Maghreb - Alia Gana (CNRS-IRMC, Tunis) |
| 16 h 15 | Discussion  |
| 16 h 30 | Conclusion - Pr. Corinne Alberti (ITMO santé publique)                          |