SEPTEMBRE-OCTOBRE 2017

Lettre mensuelle

ACTUALITES :

www.sfbd.fr

@SFBD-BioDev.

Bonne Rentrée à tous !!!

RAPPEL

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 !!

Save the date

Le prochain meeting SFBD sera joint avec les sociétés Portugaise et Espagnole de Biologie du développement et aura lieu à Lisbonne du 7 au 10 novembre 2018.
Le programme sera diffusé prochainement.

Elections à venir

Cette année en plus du renouvellement des 13 membres du CA, vous élirez également **1 représentant-e Doctorant-e-s /post-docs** et **1 responsable réseaux sociaux** : Pensez-Y ! ***Plus d'infos dans la prochaine lettre***

OFFRES DE POSTES

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

- **3-year postdoctoral position in Molecular Biology - Lucas Waltzer lab, GReD CLERMONT-FERRAND, FRANCE** Lucas Waltzer team
  Deadline: 15 octobre

- **Post Doc position -** "Transcriptomic approaches to identify novel players in the nodal and bmp signalling pathways during dorsal-ventral and left-right patterning" **Thierry Lepage lab Institut de biologie Valrose, Nice** Thierry Lepage team

- **Postdoc position in** Cell Development Biology **-Francois Fagotto Lab- at CRBM-CNRS/University of Montpellier** François Fagotto Team

- **ERC funded postdoc position is available in the research group "Cell death and epithelial homeostasis" at the institute Pasteur , Paris** "Identification of pathways influencing crowding induced death" **Romain Levayer team** *romain.levayer@pasteur.fr*

- **ERC funded postdoc position "** Mechanics of mammalian morphogenesis**" Maître lab at Institut Curie** Jean Leon Maitre Team *jean-leon.maitre@curie.fr*

- **Post Doc position at the Francis Crick Institute in London** e-mail: caroline.hill@crick.ac.uk (https://crick.ac.uk/research/a-z-researchers/researchers-d-j/caroline-hill/

- **PHD STUDENT POSITION ON** MOLECULAR MECHANISMS OF MUSCLE LINEAGE **REPROGRAMMING)** http://www.murce.fau.de/ **christoph.schaub @ fau.de.**

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

MEETING

La **Journée recherche et santé "Espèces modèles en recherche biomédicale : quels atouts, quelles complémentarités ? "** proposée par le Bureau des formations scientifiques et de soutien à la recherche (BFSSR) du Département des ressources humaines de l''Inserm et l'Institut thématique multi-organismes Aviesan (ITMO) Biologie cellulaire, développement et évolution (BCDE) se tiendra le **jeudi 7 décembre 2017 à l'Institut du Cerveau et de Moelle Epinière (ICM), Paris 13e**.

Inscription gratuite mais obligatoire jusqu'au 31 octobre https://jrsmodelesanimaux.dakini.fr/inscription-58.php

La Société Française de Génétique –SFG-

(http://www.sfgenetique.org) **a choisi de consacrer son prochain Congrès Annuel, à la technologie CRISPR/Cas9, au cœur de la génétique fondamentale et appliquée. Il durera 2,5 jours et les frais d'inscription sont volontairement très bas de manière à attirer des participants nationaux et Européens, estimés à 400 personnes. Une première conférence grand public donnant l'état de l'Art et traitant des aspects sociétaux et éthiques, et suivie d'une table ronde, précèdera le programme scientifique du congrès organisé en trois sessions, qui couvriront chacune un aspect important de la technologie de "genome editing" par CRISPR.** http://congress.igh.cnrs.fr/SFG2017/

COLLOQUES DE L'ITMO BCDE

Endoplasmic Reticulum Functiuns in Physiology and Pathology

Colloque « **Endoplasmic Reticulum Functions in Physiology and Pathology** », **Paris**, Centre de recherche des Cordeliers, **les 2 et 3 octobre 2017**.

Inscription gratuite mais obligatoire

https://itbcde.aviesan.fr/index.php?pagendx=247

Origins of Metazoans

Colloque **"Origins of Metazoans"**, **Paris**, CNRS Délégation Paris Michel-Ange, **les 7 et 8 novembre 2017.**

Une session posters sera organisée et des "short-talks" sélectionnés.

Inscription gratuite mais obligatoire. Dépôt des abstracts **jusqu'au 28 septembre**.

https://itbcde.aviesan.fr/index.php?pagendx=310

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

RENOUVELLEMENT ADHESION 2017

Pour renouveler votre adhésion il vous suffit de confirmer votre cotisation en précisant votre mode de règlement. Pensez à mettre à jour les informations vous concernant, s'il y a eu des changements. Les bons de commande sont à envoyer à: sfbd@sfbd.fr

Les chèques à : SFBD (à l'attention de Svetlana de Joussineau)
Laboratoire GReD,
Faculté de médecine,
28 place H. Dunant,
63000 Clermont-Ferrand

Adhésion individuelle :

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

Adhésion par équipe:

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

http://www.sfbd.fr/new-website/spip.php?article9&lang=fr

DETAIL DES ANNONCES ET DES OFFRES DE POSTE

3-year Post-doctoral fellowship in Molecular Biology

We are inviting applications for a post-doctoral scientist to join the Waltzer team in the "Genetic Development and Reproduction" (GReD) research unit in Clermont-Ferrand (France).

Our team investigates how blood cell development is controlled during normal and pathological situations. Using mainly Drosophila as a model system, we aim at deciphering the gene regulatory network that regulates blood cell progenitor maintenance and differentiation. We are particularly interested in the transcriptional and post-transcriptional regulation of blood cell fate and in the development of fly models for leukemia.

We are now seeking to recruit a talented and motivated post-doc to expand our work into the epigenetic and epitranscriptomic fields. The proposed project will focus on characterizing the molecular mechanism of action of a conserved enzyme involved in hematopoiesis and leukemia, using a combination of genetic, molecular and biochemical approaches in Drosophila.

The candidate must hold a PhD in Life Sciences, in the field of molecular biology, developmental biology and/or genetics. Candidates with previous experience with fly handling, NGS analysis and/or proteomics are particularly encouraged to apply.

The position is immediately available and is funded for three years. Salary scale for the post is in the range from 35.000 and 46.000€ p.a. inclusive, depending on experience.

The Genetics, Reproduction and Development laboratory (www.gred-clermont.fr) is a multi-disciplinary CNRS-INSERM-University research institute on the medical campus of the University Clermont-Auvergne (35,000 students) the main university in central France, localised in the lively city of Clermont-Ferrand, with attractive living conditions.
The GReD consists of 14 groups with research interests ranging from genome dynamics and epigenetic control, development and stem cell biology to endocrinology and cancer. It offers state-of-the-art equipments and all technological facilities required for the project and constitutes an excellent environment for high quality and intensive scientific life and training.

Please send your C.V., a cover letter with statement of research interest, and contact details of at least 2 referees to lucas.waltzer@uca.fr before the 15th of October.

GReD GENETIQUE REPRODUCTION & DEVELOPPEMENT

UCA UNIVERSITÉ Clermont Auvergne

cnrs

Inserm Institut national de la santé et de la recherche médicale

Extrait du SFBD

http://www.sfbd.fr/new-website/spip.php?article93

Transcriptomic approaches to identify novel players in the Nodal and BMP signalling pathways during dorsal-ventral and left-right patterning

Date de mise en ligne : mercredi 13 septembre 2017

- ANNONCES - Offres d'emploi et de financement -

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We are looking for postdocs and PhD students to work on the role of TGF beta signaling during morphogenesis of the sea urchin embryo. Research in our lab is focused on how morphogens of the TGF beta superfamily such as Nodal and BMPs pattern the dorsal-ventral and left-right axes of the sea urchin embryo (see Molina et al. Nodal : master and commander of the dorsal-ventral and left-right axes in the sea urchin embryo. - 2013 - Curr Opin Genet Dev - 23 P445-53
Lapraz et al. (2015) A deuterostome origin of the Spemann organiser suggested by Nodal and ADMPs functions in Echinoderms. Nature communications and Haillot et al.(2015) The Maternal Maverick/GDF15-like TGF-² Ligand Panda Directs Dorsal-Ventral Axis Formation by Restricting Nodal Expression in the Sea Urchin Embryo. - 2015 - PLoS Biology .)

The project will involve the functional analysis of several novel players of the Nodal signalling pathway that we have identified recently through transcriptomic analysis. The roles and position in the D/V Gene Regulatory Network (GRN) of several novel genes activated specifically in response to Nodal signalling will be analyzed both during dorsal-ventral specification and during left-right patterning. The project will also involve the design and analysis of novel RNA-seq screens to identify genes activated by BMP signalling and genes involved in the initial positioning and growth of the imaginal rudiment.

We seek motivated candidates with a strong interest in Developmental Biology and intercellular signalling and skilled for experimental work. Skills in Bioinformatics will be an additional asset. Further information about the institute can be found at http://ibv.unice.fr/EN/equipe/lepage.php .

Interested candidates should send a Curriculum Vitae, a summary of research interests and goals and contact informations for two or three referees to :

Thierry Lepage
Institut de Biologie Valrose
CNRS UMR7277 - Inserm U1091
Université de Nice Sophia Antipolis
06108 Cedex 2 France
e-mail : tlepage chez unice.fr

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Extrait du SFBD

http://www.sfbd.fr/new-website/spip.php?article92

Postdoc position in Cell Development Biology at CRBM-CNRS/University of Montpellier

- ANNONCES - Offres d'emploi et de financement -
Date de mise en ligne : mardi 11 juillet 2017

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A 2-year postdoc position is available in the team of Francois Fagotto to participate to a new project on intercellular migration, i.e. the property of cells to migrate within a tissue, thus allowing its dynamic remodelling. The project will focus on the regulation of the actin cytoskeleton and of cadherin-mediated cell adhesion during Xenopus gastrulation.

The Fagotto group has a long-standing interest in studying the cellular basis of morphogenesis using the Xenopus embryo as model system. Our experimental system uniquely combines the possibility of rapid manipulation of gene function, isolation of cells from specific tissues and their analysis with a range of state-of-the-art cell biological and biophysical techniques (high resolution live microscopy, adhesion assays, measurement of cellular forces,...). Furthermore, experimental data are complemented with computer simulation (Nature Communication, in press).

The candidate is expected to have a strong background in cell biology and demonstrated achievement through a solid publication record. Experience with Xenopus embryos would be a plus, but not a requirement. However, excellent experimental skills will be essential since the project relies on microdissections/micromanipulations.

Lab homepage : http://www.crbm.cnrs.fr/index.php/fr/fagotto-f

Candidates should send their CV and supporting statement to francois.fagotto chez crbm.cnrs.fr

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Extrait du SFBD

http://www.sfbd.fr/new-website/spip.php?article94

Identification of pathways influencing crowding induced death

- ANNONCES - Offres d'emploi et de financement -

Date de mise en ligne : mercredi 20 septembre 2017

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An ERC funded postdoc position is available in the research group "Cell death and epithelial homeostasis" in the department of **Developmental and Stem Cell biology of the Institut Pasteur in Paris** (France). We are generally interested by the regulation of cell death in epithelial context and its contribution to tissue plasticity. We are currently working on two main aspects : the role of mechanical forces in apoptosis induction and its contribution to morphogenesis and competition between cells, and the orchestration of epithelial cell death by effector caspases. For this, we use the fruitfly Drosophila Melanogaster as a model system, and combine various cutting edge approaches from live imaging, image analysis, laser perturbations, optogenetic, genetics and simulations.

The position will be funded through an ERC Starting Grant and **can be extended up to 4 years**. Ideal starting date would be between **January and March 2018**. The objective is to characterise the pathway(s) responsible for death induction upon cell compaction and their contribution to competitive interactions between cells, as well as their contributions to normal development and morphogenesis. More information can be found on the lab webpage (https://research.pasteur.fr/en/team/cell-death-and-epithelial-homeostasis/).

We seek a highly motivated candidate with interests in cell and developmental biology and a good working knowledge in live imaging and image analysis. Previous experience with Drosophila is highly recommended for this position but not mandatory. Ideally, the candidate should also be comfortable with quantitative approaches and basic knowledge in programming is a plus. The project is open to discussion as long as it is connected to the current topics of the laboratory.

The Pasteur institute, located in the center of Paris, has a long standing history of excellence in Cell and Developmental biology and offers access to cutting edge technologies through various platforms. The lab is fully equipped with two live imaging set up fully dedicated to the group.

If you are interested, please **contact Romain Levayer** (romain.levayer chez pasteur.fr) with a brief statement of your research interests, your CV and up to 3 recommendation contacts.

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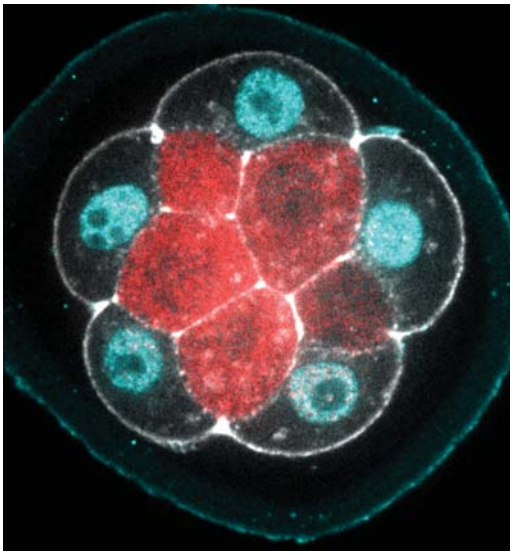
Postdoctoral position - Mechanics of mammalian morphogenesis Maître lab at Institut Curie

Location:

Institut Curie, located in the center of **Paris**, is an internationally renowned institution bringing together physicists, chemists, biologists, bioinformaticians and clinicians.

Position:

Jean-Léon Maître, head of the "**Mechanics of mammalian development**" team (science.institut-curie.org/team-maitre/), is seeking a motivated postdoc with a strong interest in **interdisciplinary research**.



The candidate will study the morphogenetic events occurring before implantation of the embryo, which requires an approach at the **interface between biology and physics** (Maître *et al*, Nat. Cell Biol., 2015; Maître *et al*, Nature, 2016; Maître, Biol. Cell, 2017). The candidate's work will include **developmental biology techniques** with recovery, culture and manipulation of mouse embryos; **biophysical techniques** such as high-resolution microscopy and micropipette manipulation of embryos; **data and image analysis**.

Skills:

Prior experience with **mouse, advanced microscopy, molecular biology and/or image analysis** will be extremely valuable, but on-the-job training will be additionally provided. The ideal candidate should feel comfortable working in an **interdisciplinary and international environment**.

The position is funded by the ERC for 24 months initially.

Interested candidates should contact jean-leon.maitre@curie.fr

Francis Crick Institute

POSTDOCTORAL RESEARCH FELLOWSHIP

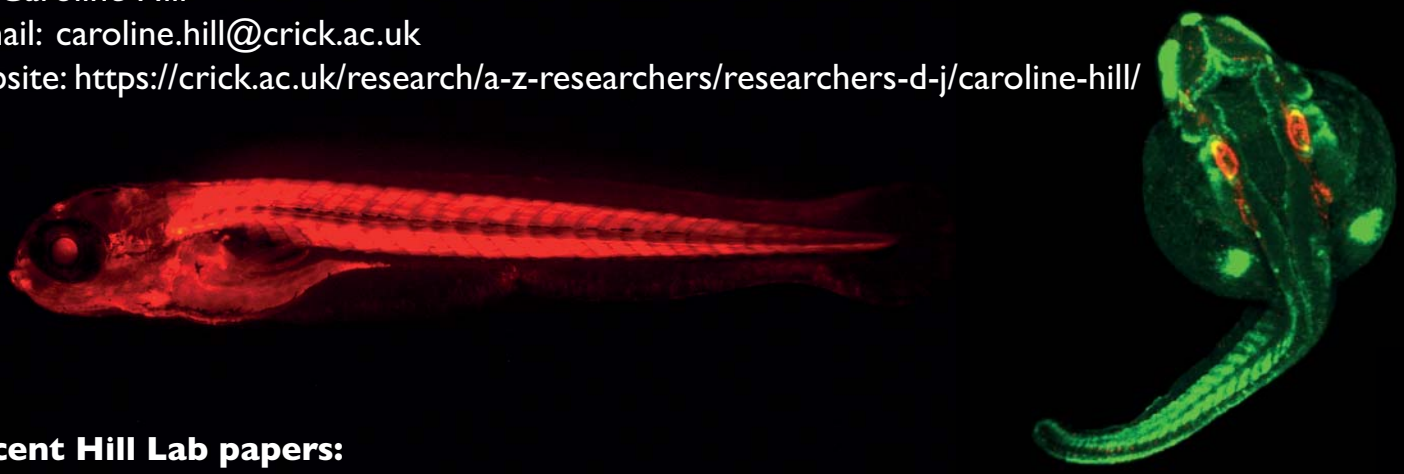
Developmental Signalling Laboratory

A **postdoctoral position** is available in the laboratory of Dr Caroline Hill at the newly founded **Francis Crick Institute** (http://www.crick.ac.uk/), which is a world class interdisciplinary biomedical Institute situated in central London.

Work in the Hill lab is focused on understanding how TGF-β signalling pathways function normally in early vertebrate development and in adult untransformed cells, and how these signalling pathways are perturbed in cancer. We have been exploiting the very powerful combination of early vertebrate developmental systems (primarily zebrafish embryos), together with a variety of model tissue culture systems, and we use methodologies ranging from developmental and cell biology to computational modelling.

I am looking for a highly motivated postdoc with proven research abilities and an excellent publication record. The project will focus on dissecting the regulation and function of Nodal signalling in early zebrafish embryos. Prior experience in zebrafish development is essential.

For further details about the project and to apply, please contact
Dr Caroline Hill
e-mail: caroline.hill@crick.ac.uk
website: https://crick.ac.uk/research/a-z-researchers/researchers-d-j/caroline-hill/



Recent Hill Lab papers:

Coda, D.M., Gaarenstroom, T., East, P., Patel, H., Miller, D.S.J., Lobley, A., Matthews, N., Stewart, A and Hill, C.S. (2017) Distinct modes of SMAD2 chromatin binding and remodeling shape the transcriptional response to Nodal/Activin signaling. eLife 6, e22474.

van Boxtel, A.L., Chesebro, J.E., Heliot, C., Ramel, M.C., Stone, R.K., and Hill, C.S. (2015) A temporal window for signal activation dictates the dimensions of a morphogen signaling domain. Dev Cell 35, 175-85.

Vizan, P., Miller, D.S.J., Gori, I., Das, D., Schmierer, B., and Hill, C.S. (2013). Controlling long-term signaling: receptor dynamics determine attenuation and refractory behavior of the TGF-β Pathway. Science Signaling 6, ra106.

Reichert, S., Randall, R.A., and Hill, C.S. (2013). A BMP regulatory network controls ectodermal cell fate decisions at the neural plate border. Development 140, 4435-4444.

Ramel, M.C., and Hill, C.S. (2013). The ventral to dorsal BMP activity gradient in the early zebrafish embryo is determined by graded expression of BMP ligands. Dev Biol 378, 170-182.

Extrait du SFBD

http://www.sfbd.fr/new-website/spip.php?article95

PhD student position on Molecular mechanisms of muscle lineage reprogramming

- ANNONCES - Offres d'emploi et de financement -

Date de mise en ligne : mercredi 20 septembre 2017

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in the group of Dr. Christoph Schaub at the Division of Developmental Biology of the FAU Erlangen-Nürnberg. The position will start at **the earliest possible date** and will be limited to three years with a possible extension.

The Schaub group is interested in the molecular mechanisms that regulate syncytial muscle cell lineage commitment, maintenance and plasticity using the Drosophila embryonic and adult musculature as a model. The PhD project will focus on the molecular mechanisms that guide a naturally occurring direct lineage reprogramming process during the metamorphosis of the Drosophila musculature. In particular, the project will define the molecular processes that initiate and execute the dedifferentiation of syncytial embryonic muscles into mononucleate myoblasts which in turn are reprogrammed into the progenitors of adult heart associated muscles (Schaub et al. 2015, Curr Biol (25), 488-494). The PhD student will use a broad spectrum of state of the art techniques ranging from genome editing to modern live imaging approaches to analyse these questions.

We are looking for a highly motivated candidate with experience in Drosophila genetics and/or cell and molecular biology. Experience in microscopic tissue dissections is an advantage but not a requirement. We offer an exciting project utilizing our combined expertise in muscle cell biology and Drosophila genetics in a well-equipped lab. The project is embedded in an interdisciplinary scientific landscape in association with the Muscle Research Center Erlangen (MURCE, http://www.murce.fau.de/) and the Optical Imaging Center Erlangen (OICE, http://www.oice.uni-erlangen.de/) and will have access to high end imaging microscopes (Confocal, Spinning disk and Light-sheet microscopy).

If you are interested in the position please send a cover letter stating your motivation, your curriculum vitae, copies of Bachelor/Masters certificate (or equivalent) and two letters of recommendation or contact information for two scientific references in a single PDF to christoph.schaub chez fau.de.

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ITMO BIOLOGIE CELLULAIRE, DÉVELOPPEMENT ET ÉVOLUTION

JOURNÉE RECHERCHE & SANTÉ

JRS

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.

Espèces modèles en recherche biomédicale : quels atouts, quelles complémentarités ?

Jeudi 7 décembre 2017

Bibliothèque nationale de France
Grand Auditorium
Avenue de France – Paris 13e

Organisation scientifique
Yann Hérault (CELPHEDIA, PHENOMIN-ICS, Illkirch), Jean-Stéphane Joly (CELPHEDIA, TEFOR, Institut des Neurosciences Paris-Saclay)

PROGRAMME

Session 1 - CHOISIR LE MODÈLE LE PLUS APPROPRIÉ POUR RÉPONDRE À LA QUESTION SCIENTIFIQUE POSÉE (modérateur : Jean-Stéphane Joly)

09 h 00 Introduction : présentation des grands modèles utilisés en recherche animale – Jean-Stéphane Joly
09 h 10 Studying host-parasite interactions using C. elegans - Dr. Jonathan Ewbank, (CIML, Marseille, France)
09 h 35 Drosophila muscle development and physiology - Dr. Kristof Jagla (Université Clermont, France)
10 h 00 Immunité du Poisson-zèbre - Dr. Karima Kissa (Université de Montpellier, France)
10 h 25 Using zebrafish models to discover human disease-causing gene variants - Dr. Monte Westerfiled (University of Oregon)
11 h 00 Pause-café (30 min)

Session 2 - INTERROGATION TRANSPARENCE ET REPRODUCTIBILITÉ DES DONNÉES EN RECHERCHE (modérateur : Yann Herault)

11 h 30 Table ronde :
Témoignage : Isabelle Goncalves, responsable du groupe de travail de CELPHEDIA «Éthique et Bien-être animal»
Ethic and Welfare (MRC) welfare in UK and statistic (Dr. Sara Wells)
Ministère de la recherche (Virginie Vallet)
INSERM (Brigitte Rault)
Negative results (Antoine Muchir et Rémi Thomasson)
12 h 30 Déjeuner (1h30)

Session 3 - APPLICATION AUX MALADIES HUMAINES (modérateur : Yann Herault)

14 h 00 Introduction
14 h 10 Experimental genetics of diabetes - Pr. Martin Hrabe de Angelis (HMGU, Munich, Germany)
14 h 30 Mouse models and mammalian gene function Surdité - Pr. Steve Brown (MRC Harwell, UK)
14 h 50 Primate - Dr Pierre Pouget (ICM)
15 h 10 Zebrafish models for human genetic disorders - Dr. Christelle Golzio (IGBMC, France)
15 h 30 Pause-café (30 min)

Session 4 - IMPACT SUR LA MÉDECINE PERSONNALISÉE ET RECHERCHE SUR LES ANIMAUX MODÈLES (modérateur : Thierry Galli)

16 h 00 Table ronde :
Dr. Damian Smedley (Director of Genomic Interpretation and Associate Director of Bioinformatics), Dr Farib a Nemati (Curie)
Rare diseases and animal model - Pr. Jean Louis Mandel
Dr Frédéric Boccard/Catherine Nguyen ITMO Génétique, Génomique et Bioinformatique (sous réserve)

Pour vous inscrire : https://jrsmodelesanimaux.dakini.fr/

Rédaction : BFSSR / DRH Inserm - Réalisation : Audrey Peloni (SeRCOM / DRH Inserm) - Consultant projet : Myriem Belkacem (DISC Inserm) - Juin 2017

French Society For Genetics

2017 Meeting

November 16, 17 & 18
Montpellier, France

The CRISPR revolution

from bacterial immunity to functional genomics

Invited speakers

Emmanuelle Charpentier - *Berlin, Germany*
Jean-Paul Concordet - *Paris, France*
Sylvain Moineau - *Montreal, Canada*
Fabien Nogué - *Versailles, France*
Norbert Perrimon - *Boston, USA*
Evi Soutoglou - *Illkirch, France*

Registration

www.sfgenetique.org

Deadline : June 30th

Société Française de Génétique

École de l'ADN Nîmes

Université Montpellier

Faculté des Sciences Montpellier

Pôle BioSanté Rabelais

EPIGENMED

Service communication de la FdS - fds.communication@umontpellier.fr - Édition avril 2017 - © Visuel Christophe BRUNCK

Le Club des Belles Souris

- 9e Colloque -

Jeudi
9 Novembre 2017
9h00-18h00

au

Centre de Biologie Intégrative Toulouse

Université Paul Sabatier
Auditorium Fernand Gallais
Campus CNRS
205 route de Narbonne
31077 Toulouse

Intervenants

Jean-Léon MAITRE *Institut Curie, Paris*
Mechanics of blastocyst morphogenesis

Jérôme CAVAILLÉ *CBI, Toulouse*
The biological roles of imprinted small non-coding RNA gene clusters

Chantal THIBERT *IAB, Grenoble*
Lkb1 controls glial differentiation from neural crest cells through mitochondrial respiration and non-essential amino acid levels

Christine VARON *Université de Bordeaux*
Modèles murins pour la caractérisation et le ciblage des cellules souches cancéreuses dans l'adénocarcinome gastrique

D. Chichung LIE *Universität Erlangen-Nürnberg, Allemagne*
Autophagy-dependent control of adult neural stem cell maintenance and differentiation

Arnaud BESSON *CRCT, Toulouse*
Probing the functions of Cip/Kip CDK inhibitors with knock-in mice

Pascal ROULLET *Anexplo, CBI, Toulouse*
Anexplo et la plateforme d'analyse du comportement de la souris de Toulouse

Han LI *Institut Pasteur, Paris*
Impact of cellular plasticity in tissue regeneration and ageing

Edward KAROLY *Metabolon, Durham, NC, USA*
Advanced biochemical phenotyping applied to mice models

Vanessa RIBES *Institut Jacques Monod, Paris*
Title TBA

Philippe JAY *IGF, Montpellier*
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Alice Davy, Michel Cohen-Tannoudji, Yann Hérault, Martin Holzenberger, Lionel Larue, Laurent Le Cam

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Ensemble, prenons le cancer de vitesse.

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