## Day 1 – Monday Nov 18th

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 16:00 – 16:10 | **Introduction**  
Cécile Martinat - President of the FSSCR                          |
| 16:10 – 16:50 | **Opening Keynote**  
Edith Heard – Director of the EMBL  
“The place of stem cells for exploring epigenetic states in development and disease” |
| 16:50 – 17:20 | **Alfonso Martinez-Arias (Department of Genetics, University of Cambridge)**  
“Gastruloids: an PSC based experimental system to model the emergence of the mammalian body plan” |
| 17:20 – 17:50 | **Selected short talks + Poster teasers**  
- Fabrice Lavial: Netrin-1 promotes naïve pluripotency through Neo1 and Unc5b co-regulation of Wnt and Mapk signalling.  
- Claire Chazaud: Cell Lineage Differentiation in the mouse Blastocyst: The emergence of the Pluripotent Epiblast |
| 17:50 – 18:20 | **Round Table – Human/animal chimeras: the new French legislative context**  
| 18:20 – 18:35 | **Pre-cocktail sponsored presentations**  
Jean Rosenbaum (ITMO BCDE): Presentation of ITMO BCDE  
Mickael Ploquin (10X Genomics): “10x Genomics Chromium Technology: Multiple Features in Single Cells - Biology at True Resolution” |
| 18:35 – 19:45 | **Cocktail & poster session** |

## Day 2 – Tuesday Nov 19th

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2: Organoids</th>
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| 8:45 – 9:15 | **Luigi Aloia (Gurdon Institute)**  
“Epigenetic remodelling enables liver regeneration and organoid formation” |
| 9:15 – 9:45 | **Maxime Mahé (INSERM/Université de Nantes)**  
Selected Short talks + Poster Teasers  
- Camille Januel: Using Human Pluripotent Stem Cells Derived Motor Neurons to address the Pathogenesis of Spinal Muscular Atrophy  
- Karim Si Tayeb: Development and automation of 3D innovative hiPSC-based liver organoids including the microenvironment for phenotypic screening |
| 9:45 – 10:15 |                                                                                         |
**10:15**  Coffee Break

**10:40**  Session 3: Epigenetics and aging

**10:40-11:10**  Claire Rougeulle (*Paris Diderot / Sorbonne Université*)

“Regulation of X chromosome inactivation in human stem cells and embryos”

**11:10-11:40**  Jérôme Jullien (*Cambridge University*)

“Identification of a regeneration organizing cell in Xenopus laevis tail”

**11:40-12:00**  Selected Short talks

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<thead>
<tr>
<th>Speaker</th>
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<tbody>
<tr>
<td>Lucile Marion-Poll</td>
<td>Epigenetic modalities of allelic gene dosage</td>
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<tr>
<td>Alice Jouneau</td>
<td>Dynamic CpG Methylation Delineates Subregions within Super-Enhancers Selectively</td>
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<tr>
<td>Decommissioned at the Exit from Naïve Pluripotency</td>
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**12:00-12:15**  Pre-lunch sponsored presentations

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<tbody>
<tr>
<td>Andrea Leonard (Treefrog Therapeutics)</td>
<td>C-stem™ : a cell culture technology for high quality, high throughput PSC culture and differentiation</td>
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<tr>
<td>Philippe Troppel (Stem Cell Technologies)</td>
<td>Application of iPSC-derived Organoid Technologies</td>
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**12:15**  Lunch Break & poster session

**14:00**  Session 4: Single Cell

**14:00-14:30**  Jayaraj Rajagopal (*Massachusetts General Hospital/Harvard Medical School*)

“New insights into the airway epithelial ensemble”

**14:30-15:00**  Bertie Gottgens (*Cambridge Stem Cell Institute*)

“Mapping Early Organogenesis at Single Cell Resolution”

**15:00-15:20**  Selected Short talks

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<tr>
<td>Véronique Maguer-Satta</td>
<td>A potential new mechanism for Bisphenol molecules to initiate breast cancer through alteration of the BMP signaling in stem cells and their microenvironnement</td>
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<tr>
<td>Carla Sanjurjo-Soriano</td>
<td>Genome editing in patient iPSC using eSpCas9 efficiently corrects the most prevalent USH2A mutations and reveals an interactive mRNA regulation</td>
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**15:20**  Coffee Break

**15:40-16:30**  Closing Keynote

**15:40-16:30**  George Daley – Dean of Harvard Medical School

“Blood from a Petri dish”

**16:30-17:00**  FSSCR assembly and prizes

**17:00-18:00**  Patient outreach roundtable (in French)

*Table Ronde « Associations de patients et grand public »*

Chair: Cécile Martinat (INSERM), Claudie Lemercier (INSERM), Emmanuelle Charafe-Jauffret (INSERM), John De Vos (INSERM)

*Projection du spot Inserm Canal Détox*
The amphitheatre Charles MERIEUX is located in the Gerland Quarter of Lyon, accessible by Tramway, Metro or Bus.

Address
Amphithéâtre CHARLES MERIEUX, ENS-Monod, Place de l’École, Lyon

Map
http://vu.fr/fsscr19map

Public transport
http://vu.fr/fsscr19transport

Tramway T1
Stop « ENS LYON »

BUS C22
Stop “HALLE TONY GARNIER”

BUS 60
Stop “Université LYON 1 GERLAND”

METRO LINE B
Stop “DEBOURG”