FSSCR Meeting program

FSSCR 2019 Meeting Agenda

http://fsscr.fr

AMPHITHEATRE MERIEUX, LYON
Monday Nov 18th

13:00-14 :45	*Aurastem (Auvergne-Rhône-Alpes Stem Cell Network) meeting.* *Program :* https://fsscr.org/aurastem
15:00-16:00	FSSCR registration and welcome

Day 1 – Monday Nov 18th

	Introduction
16:00-16:10	Cécile Martinat - *President of the FSSCR*
	Opening Keynote
16:10 – 16:50	**Edith Heard –** *Director of the EMBL*
	"The place of stem cells for exploring epigenetic states in development and disease"
16h50	**Session 1 : Blastoids and Gastruloids**
	Alfonso Martinez-Arias (*Department of Genetics, University of Cambridge)*
16:50-17:20	"Gastruloids: an PSC based experimental system to model the emergence of the mammalian body plan"
	Selected short talks + Poster teasers
17:20-17:50	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
	Round Table – Human/ animal chimeras: the new French legislative context
17:50 – 18:20	*Chair: Pierre Savatier. Introduction by Jean Louis Touraine, Député du Rhône, membre de la commission des affaires sociales.*
	Pre-cocktail sponsored presentations
18:20-18:35	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

8:45	**Session 2 : Organoids**
	Luigi Aloia *(Gurdon Institute)*
8:45-9:15	"Epigenetic remodelling enables liver regeneration and organoid formation"
9:15-9:45	**Maxime Mahé** *(INSERM/Université de Nantes)*
	Selected Short talks + Poster Teasers
9:45-10:15	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

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** Lucile Marion-Poll — Epigenetic modalities of allelic gene dosage Alice Jouneau — Dynamic CpG Methylation Delineates Subregions within Super-Enhancers Selectively Decommissioned at the Exit from Naïve Pluripotency
12:00-12:15	*Pre-lunch sponsored presentations* Andrea Leonard (*Treefrog Therapeutics)* — C-stem™ : a cell culture technology for high quality, high throughput PSC culture and differentiation Philippe Troppel (*Stem Cell Technologies)* — Application of iPSC-derived Organoid Technologies
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** Véronique Maguer-Satta — A potential new mechanism for Bisphenol molecules to initiate breast cancer through alteration of the BMP signaling in stem cells and their microenvironnement Carla Sanjurjo-Soriano — Genome editing in patient iPSC using eSpCas9 efficiently corrects the most prevalent USH2A mutations and reveals an interactive mRNA regulation
15:20	**Coffee Break**
15:40-16:30	**Closing Keynote** **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 patientes et grand public »** **Chair: Cécile Martinat (INSERM), Claudie Lemercier (INSERM), Emmanuelle Charafe-Jauffret (INSERM), John De Vos (INSERM)** *Projection du spot Inserm Canal Détox*

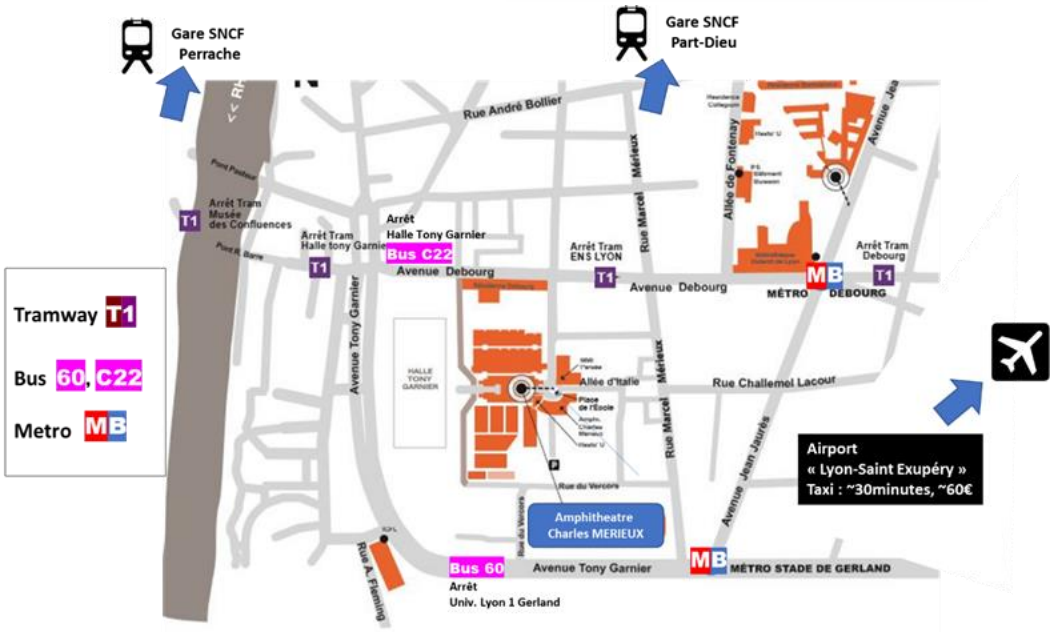
LOCATION & GETTING THERE

The amphiteatre Charles MERIEUX is located in the Gerland Quarterof 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
(Moovit app)



T1	C22	60	MB
Tramway T1 Stop « ENS LYON »	BUS C22 Stop "HALLE TONY GARNIER"	BUS 60 Stop "Universite LYON 1 GERLAND"	METRO LINE B Stop "DEBOURG"