

COLLOQUE

N°16

Vessel pathology & vascularized organoids

8h30	Welcome
8h55	Introduction
9h	Keynote lecture: Valeria Orlova (<i>Leiden University Medical Center, Leiden, The Netherlands</i>) hiPSC-Derived 3D Vessels-on-Chip for Vascular Disease Modeling
9h40	Short communication Maxime Mahé (<i>TENS Inserm UN UMR 1235, Nantes</i>) Characterization of endothelial support required for <i>in vivo</i> engraftment of human PSC-derived intestinal organoids
9h55	Short communication Soukaina El Hajj (<i>UMR 1292, Equipe IMAC, CEA Grenoble</i>) Endothelial-stromal crosstalk in vascularized 3D spheroids: distinct lineage preferences of SHED & BMSC
10h10	<i>Break & Poster session</i>
10h50	Keynote lecture: Diana Passaro (<i>Institut Cochin, Paris</i>) Vascular integration in tissue bioengineering to model the complexity of leukemic microenvironment
11h30	Communication selected from abstracts (10' talk & 2' questions) <i>To be selected</i>
11h45	Invited communication Catherine Monnot (<i>INSERM UMRS 1138, Centre de Recherche des Cordeliers, Paris</i>) Vascular Pathophysiology in Renal Carcinoma: Relevance of Vascularized 3D Microtumor Models
12h10	<i>Lunch Break & Poster session</i>
13h30	Invited communication Emily Tubbs (<i>BIOMICS Lab, IRIG, CEA Grenoble</i>) Organs and organoids-on-chip: applications to type 1 diabetes
13h55	Communication selected from abstracts (10' talk & 2' questions) <i>To be selected</i>
14h10	Invited communication Sébastien Dumas (<i>EndoKARE lab, I2MC - UMR1297 Inserm, Toulouse</i>) Vascularization of kidney organoids: insights from transplantation and perspectives
14h35	Invited communication Audrey Carriere-Pazat (<i>RESTORE Research Center, INSERM 1301, CNRS 5070, EFS, ENVT, Toulouse</i>) Deciphering energy-dissipating human beige adipose tissue development using vascularized organoids
15h00	<i>Break & Poster session</i>
16h45	Communication selected from abstracts (10' talk & 2' questions) <i>To be selected</i>
16h00	Keynote lecture: Reiner Wimmer (<i>Roche Innovation Center Basel, Switzerland</i>) Vascularized Organoid Models for Drug Development
16h45	Conclusion & closing ceremony

Scientific committee: Isabelle Corre (CRCI²NA), Lucas Treps (CRCI²NA), Anne Camus (RMES), Laurent David (BioCore/CR2TI), Harunobu Kagawa (BioCore/CR2TI), Maxime Mahé (TENS), Jean-Baptiste Dupont (Target), Vanessa Chenouard (CR2TI), Vianney Delplace (RMES), Claire Pecqueur (CRCI²NA)

Sponsors: 10X Genomics ; StemCell Technologies ; MedChemExpress ; SFBVa ; CRCI²NA ; SFR Bonamy