Monday, December 2nd, 2019
Faculté de Médecine
Sorbonne Université
Amphithéâtre E
105 Bld de l'Hôpital - 75013 Paris

Scientific meeting of WG Organoids, ITMO TS and BCDE, and GDR “Réparer l’Humain”

From 3D culture to organoid

9:30 am – 9:45 am  Welcome

9:45 am – 10:00 am  Introduction

Global overview - Franck Lethimonnier & Thierry Galli

SESSION 1: FROM 3D CULTURE APPROACH TO ORGANOID

10:00 am – 10:45 am  Plenary conference on 3D

3D matrices and human bone organoids: on the path to personalization - Ralph Muller, ETH Zürich- Institut für Biomechanik, Zurich

10:45 am – 11:05 am  Synthetic development: from stem cells to embryos – Nicolas Rivron, Institute of Molecular Biotechnology, Austrian Academy of Science, Vienna

11:05 am – 11:25 am  Development of innervated, vascularized and immunocompetent human skin for the analysis of interactions between immune and nervous systems – Vincent Flacher, CNRS URP 3572, Strasbourg

11:25 am – 11:45 am  Decryption of the environment-intestinal epithelium interaction: organoids play the game - Audrey Ferrand, INSERM U1220, Toulouse

11:45 am – 12:05 pm  Design of 3D porous scaffolds for organoids - Didier Letourneur, INSERM U1148, Paris

12:05 pm – 12:30 pm  Respiratory organoids and hydrogels: towards a 3D lung - Jérôme Sohier, Fabienne Archer, IBPC, IVPC/INRA, Lyon
12:30 pm – 2:00 pm Lunch time and posters

2:00 pm – 2:45 pm Competition

2:45 pm – 3:30 pm Plenary conference on organoids
Engineering embryoids in culture: how to produce them and for which purpose? - Denis Duboule, EPFL, Lausanne / Collège de France, Paris

3:30 pm – 3:45 pm Coffee break and selection session with the jury

SESSION 2: YOUNG SCIENTISTS’ CONFERENCES

3:45 pm – 4:00 pm « Click » hydrogels as innovative tools for 3D cell culture - Vianney Delplace, INSERM 1229 – RmeS, Nantes

4:00 pm – 4:15 pm Evolution of skin organoid: from simple to complex model - Lara Jobeilli, CEA, IRIG, SYMMES / UGA, Grenoble

4:15 pm – 4:30 pm Exploring interaction between the developing enteric nervous system and its surrounding tissues with an intestinal organoid model - Elise Loffet, UMR1235, Nantes

4:45 pm – 5:00 pm Liver organoids composed by hiPSC-derived hepatocytes exhibiting complex polarization and mature functions - Antonietta Messina, UMR_S1193, Villejuif

5:00 pm – 5:15 pm Development of three-dimensional cell culture of canine breast tumor - Antonella Raffo Romero, PRISM, Lille

5:15 pm – 5:30 pm Tailoring 3D cell culture templates with common hydrogels - Vincent Studer, Institut Interdisciplinaire de Neurosciences, Bordeaux

5:30 pm Award session
Closure

The organizing committee:

Joëlle Amédée, Jean-Luc Galzi, Jérome Sohier & Corinne Sébastiani

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