



**Monday,
December 2nd
2019**

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

Faculté de Médecine
Sorbonne Université
Amphithéâtre E
105 Bld de l’Hôpital - 75013 Paris

From 3D culture to organoid

- 9:30 am–9:45 am **Welcome**
- 9:45am– 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, Jérôme Sohier & Corinne Sébastiani

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