



## ITMO HEALTH TECHNOLOGIES

## ITMO CELL BIOLOGY, DEVELOPMENT AND EVOLUTION

**Monday,  
December 2<sup>nd</sup>  
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

► 10:00am– 10:45 am **Plenary conference on 3D**  
**3D matrices and human bone organoids: on the path to  
personalization - Ralph Muller, Zurich**

► 10:45 am– 11:05 am **Synthetic development: from stem cells to embryos –Nicolas  
Rivron, Vienne (Au)**

► 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, Strasbourg**

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

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

► 12:05 pm– 12:30 pm **Respiratory organoids and hydrogels: towards a 3D lung -  
Jérôme Sohier, Fabienne Archer, Lyon**

► 12:30 pm – 14:00 pm **Lunch time and posters**

► 14:00 pm – 14:45 pm  **Competition**

► 14:45 pm – 15:30 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**

► 15:30 pm – 15:45 pm **Coffee break and selection session with the jury**

## SESSION 2: YOUNG SCIENTISTS' CONFERENCES

► 15:45 pm – 16:00 pm **Selected talk #1**

► 16:00 pm – 16:15 pm **Selected talk #2**

► 16:15 pm – 16:30 pm **Selected talk #3**

► 16:45 pm – 17:00 pm **Selected talk #4**

► 16:00 pm – 16:45 pm **Selected talk #5**

► 17:00 pm **Award session**  
**Closure**

*The organizing committee:*

*Joëlle Amédée, Jean-Luc Galzi, Jérôme Sohier & Corinne Sébastiani*

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