

Webinar Tissue and organ bioengineering

Day 1 – 07/04/2021

*Ethics / Cells / Spheroids / Matrice and
Scaffolds / Boprinting*

Opening talk – organoids applications
14h15 – 15h Takebe (University of Tokyo)

Stem cells, Spheroids, organoids

15H00 – 15H30 **Liver models** – Antonietta Messina
(Inserm UMR 1193)

15H30 – 16H00 **Gut models** – Maxime Mahe
(Inserm)

Break 15mn

Ethics

16h15 – 16h45 **Ethics** – Hervé Chneiweiss (Inserm)

Scaffolds, bioprinting technologies

16h45 – 17h15 **3D Porous scaffolds** – Didier Letourneur
(Inserm UMR 1148)

17h15 – 17h45 **Recellulazation** – Pedro Baptista
(Health Research Institute of Aragon)

17h45 – 18h15 **Bioprinting technologies** – Christophe

Day 2 – 08/04/2021

On-chip strategies

14h00 – 14h30 **Tissue fibers** – S. Takeuchi, Univ Tokyo

14h30 – 15h00 **Liver on chip** – Y. Sakai, Univ Tokyo

15H00 – 15h30 **Gut on chip** – S. Descroix (IPGG)

break : 15 mins

17h – 17h30 **Vascular system** – Abdul Barakat (Ecole
Polytechnique)

17h30 – 18h00 **Predictive toxicology** – Jacques Richard
(Sanofi)

18h00 – 18h30 **Spheroids in digital microfluidics** –
Charles Baroud (Institut Pasteur)

Day 3 – 09/04/2021

16h – 16h30 **Cerebroids : Modeling a brain *in vitro*** – Frank
Yates (Sup'Biotech - CEA)

Extracorporeal systems

16h00 – 16h30 **extracorporeal Liver**– Cécile Legallais (UTC)

Pre-clinical applications

16H30 – 17h **Skin reconstruction** – Marina Trouillas
(IRBA)

17h – 17h30 **Retinal reconstruction** – Olivier Goureau
(Institut de la Vision)

17h30 – 18h **Tracheal reconstruction** – Emmanuel
Martinod (APHP)

18h – 18h30 **Economics** – Etienne Bur (IFBF)



Inscription:

<https://forms.gle/g9YtToph4yJqs4Ts7>

Contact : aurelia.ferri@aphp.fr