

Webinar Tissue and organ bioengineering



Day 1 – 07/04/2021

Cells / Spheroids / Scaffolds

Welcome address: 14h15

Opening talk – organoids applications

14h30 – 15h T Takebe (Cincinatti's Children Hospital/ University of Tokyo)

Stem cells, Spheroids, organoids

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

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

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

Break 15 mins

16h45 – 17h15 Organoid for liver disease – L. Vallier (Cambridge univ)

Scaffolds, bioprinting technologies

17h15 – 17h45 3D Porous scaffolds – D Letourneur (Inserm)

17h45 – 18h15 Recellularization – P Baptista (Health Research Institute of Aragon)

Day 2 – 08/04/2021

On-chip strategies / Bioprinting

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 min

15h45 – 16h15 Vascular system – Abdul Barakat (Ecole Polytechnique)

16h15 – 16h45 Predictive toxicology – Jacques Richard (Sanofi)

16h45 – 17h15 Spheroids in digital microfluidics – Charles Baroud (Institut Pasteur)

Bioprinting technologies

17h15 – 17h45 Bioprinting technologies – Christophe Marquette (ICBMS UMR 5246)

Day 3 – 09/04/2021

Ethics & Economics

15h00 – 15h30 Ethics – Hervé Chneiweiss (Inserm)

15h30 – 16h00 Economics – Etienne Bur (IFBF)

Extracorporeal systems

16h00 – 16h30 Extracorporeal Liver – Cécile Legallais (UTC)

Pre-clinical applications

16H30 – 17h00 Skin reconstruction – Marina Trouillas (IRBA)

Break 15 min

17h15 – 17h45 Retinal reconstruction – Olivier Goureau (Institut de la Vision)

17h45 – 18h15 Tracheal reconstruction – Emmanuel Martinod (APHP)

Concluding remarks: 18h15



Registrations before 28 March 2021:

https://admin-sphinx.u-psud.fr/SurveyServer/s/EUGLOH/Organ_tissue_bioengineering/questionnaire.htm

