



TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

Biocitech, Romainville Grand-Paris, Amphithéâtre Pasteur



Thursday, October 7, 2021

8h45 Welcome coffee

9h15 **Welcome**

Sylvio BENGIO, **Adebiotech** and **Christophe DINI**, **Oroxcell**

9h30 **Keynote Lecture**

Francelyne MARANO, **Francopa**

How do new cell and tissue technologies contribute to chemical safety assessment ?

10h00-11h20 Session 1 –

10h00 **Marisa MELONI**, **VitroScreen**, **In Vitro Innovation Center**

A pre-clinical path on gastro-intestinal tract: from 3D epithelial models to intestinal spheroids

10h20 **Jan MARKUS**, **MatTek**

3D reconstructed small intestine epithelium for modeling of drug kinetics and toxicity

10h35 **Speaker to be confirmed**, **Perkin Elmer**

Title to be confirmed

11h00-11h15 *Coffee break*

11h20-14h30 Session 2 –

11h20 **Christian PELLEVOISIN**, **EPISKIN**

Tissue engineering, a driver for change in medical device biocompatibility studies

11h35 **Sébastien CADAU**, **BASF Beauty Care Solutions**

Sophisticated skin models for demonstrated cosmetic efficacies

11h55 **Eric ANDRES, Oroxcell**
Improved topical genotoxicity assessment using micronucleus assays on 3D reconstructed Human epidermises

12h20 **Thibaut HONEGGER, NETRI**
Organ on chip approaches for Neuroscience : Neurofluidics reconstruction of neural networks and functional markers in drug discovery

12h45-14h30 *Buffet lunch / Posters / Networking*

14h30-17h15 Session 3 – Hepatotoxicity, Pre-clinical assessments, Airways models, Regulatory and other approaches

14h30 **Speaker to be confirmed, Servier**
A novel 3D bioprinted human liver tissue

14h50 **Philippe DETILLEUX, Sanofi**
Pros and cons of different tissue models during pre-clinical safety (title to be confirmed)

15h30 **Samuel CONSTANT, Epithelix**
Development of in vitro immunocompetent human airway epithelial models for toxicity testing and infectious diseases research

15h50 **Nathalie ALEPEE, L'Oréal**
OCDE and Regulatory considerations, (title to be confirmed)

16h10 **Christian REGENBRECHT, CELLphenomics GmbH**
Precision Oncology Beyond Genomics: The Future Is Here—It Is Just Not Evenly Distributed

16h30 **Colin McGUCKIN, CTIBiotech**
3D-Bioprinting human tumors to revolutionize personalized- / targeted- medicine and pre-clinical pharmaceutical development against cancer

16h50-17h15 *Coffee break/Posters/Networking*

17h15-18h15 Round Table discussion and conclusions – adjourn 18H30