



TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

Biocitech, Romainville Grand-Paris, Amphithéâtre Pasteur

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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

10h40 **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

11h40 Sébastien CADAU, **BASF Beauty Care Solutions**

Sophisticated skin models for demonstrated cosmetic efficacies

12h00 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

12h40-14h30

Buffet lunch / Posters / Networking

14h30-16h30

Session 3 – Hepatotoxicity, Pre-clinical assessments, Airways models, Regulatory and other approaches

14h30 Philippe DETILLEUX, **Sanofi**

Micro-physiological models and other innovative in vitro systems for toxicity evaluation of new drugs - a Pharma Industry perspective -

14h50 Samuel CONSTANT, **Epithelix**

Development of in vitro immunocompetent human airway epithelial models for toxicity testing and infectious diseases research

15h10 Nathalie ALEPEE, **L'Oréal**

OCDE and Regulatory considerations, (title to be confirmed)

15h30 Christian REGENBRECHT, **CELLphenomics GmbH**

Precision Oncology Beyond Genomics: The Future Is Here—It Is Just Not Evenly Distributed

15h50 Colin McGUICKIN, **CTIBiotech**

3D-Bioprinting human tumors to revolutionize personalized- / targeted- medicine and pre-clinical pharmaceutical development against cancer

16h10-16h30

Coffee break/Posters/Networking

16h30-17h30

Round Table discussion and conclusions – adjourn 17h30