



TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

Biocitech, Romainville Grand-Paris, Amphithéâtre Pasteur

Sponsors

EPISKIN

Thursday, October 7, 2021

- 8:45 Welcome coffee
- 9h15 **Welcome**
Sylvio BENGIO, **Adebiotech** and Christophe DINI, **Oroxcell**
- 9h30 **Keynote/Introduction**
Francelyne MARANO, **Francopa**
How do new cell and tissue technologies contribute to chemical safety assessment ?
- 10h00 Marisa MELONI, **VitroScreen**
A pre-clinical path on gastro-intestinal tract: from 3D epithelial models to intestinal spheroids

10h30-13h00 Session 1 – 3D Cell models and tissue reconstruction / dermo-cosmetics, medical devices

- 10h30 Alain DEGUERCY, **ADBIOL Consulting (to be confirmed)**
Reconstructed 3D models of skin and epithelia, a myriad of possibilities to meet a wide variety of research and industrial needs
- 10h45 Speaker and title to be announced
- 10h45 **Q&A to speakers**
- 10h50-11h10 *Coffee break/Posters/Networking*
- 11h10 Christian PELLEVOISIN, **EPISKIN**
Tissue engineering, a driver for change in medical device biocompatibility studies
- 11h30 Sébastien CADAU, **BASF Beauty Care Solutions**
Sophisticated skin models for demonstrated cosmetic efficacies

11h50 **Eric ANDRES, Oroxcell**
Improved topical genotoxicity assessment using micronucleus assays on 3D reconstructed Human epidermises

12h10 **Q&A to speakers**

12h30 *Flash presentations: « Your poster in 180 seconds »*

13h00-14h30 *Buffet lunch / Posters / Networking*

14h30-16h30 **Session 2 – Hepatotoxicity, Pre-clinical assessments, Intestinal models, 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)

15h10 **Jan MARKUS, MatTek**
3D reconstructed small intestine epithelium for modeling of drug kinetics and toxicity

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

16h30-17h00 *Coffee break/Posters/Networking*

17h00-18h00 **ADDITIONAL SHORT PRESENTATIONS
AND ROUND TABLE DISCUSSION**