



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

Sponsors

EPISKIN

poietis
make tissues real

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 ?

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

10h00 **Alain DEGUERCY**, **ADBIOL Consulting**

Reconstructed 3D models of skin and epithelia, a myriad of possibilities to meet a wide variety of research and industrial needs

10h20 **Jean-Claude LECRON**, **LITEC**, **Université de Poitiers**

3D keratinocytes under cytokine fire: a complex combinatorial process

10h40 **Q&A to speakers**

10h50-11h10 *Coffee break/Posters/Networking*

11h10 **Christian PELLEVOISIN**, **EPISKIN**

Reconstructed human epidermis (RHE) and skin sensitization assays

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 posters presentations: « Your poster in 180 seconds »**

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

14h30-16h10 Session 2 – Hepatotoxicity, Intestinal models, Airways models, other approaches

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

14h50 **Jan MARKUS, MatTek**
3D reconstructed small intestine epithelium for modeling of drug kinetics and toxicity

15h10 **Samuel CONSTANT, Epithelix**
Development of in vitro immunocompetent human airway epithelial models for toxicity testing and infectious diseases research

15h30 **Thibault HONEGGER, NETRI**
Organ on chip approaches for Neuroscience : Neurofluidics reconstruction of neural networks and functional markers in drug discovery »

15h50 **Q&A to speakers**

16h10-16h30 *Coffee break/Posters/Networking*

16h30-17h30 ROUND TABLE AND DISCUSSION