TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME
Applications in Pharmaceutics, 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 ?

10h00-13h00	**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 apporaches

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