



TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

Biocitech, Romainville Grand-Paris, Amphithéâtre Pasteur

Wednesday June 17th, 2020, 9H00-17H30

8:45 *Welcome coffee*

9h15 **Welcome**

Sylvio BENGIO, ADEBIOTECH and **Christophe DINI**, OROXCELL

9h30 **Keynote/Introduction**

Francelyne MARANO, FRANCOIPA

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

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

<https://event.adebiotech.org/ingenierie-tissulaire/>

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

- 14h30 **Eléonore ATTIGNON**, **SERVIER**
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 HONNEGER**, **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 on current and future applications**

Day ends at 5:30 PM

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