



# TISSUE ENGINEERING FOR INDUSTRY

## 3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

Wednesday June 17<sup>th</sup>, 2020



8:45 Welcome coffee

9h15 Welcome

Sylvio BENGIO, ADEBIOTECH and Christophe DINI, OROXCELL

9h30 Keynote/Introduction

Francelyne MARANO, FRANCOPIA

*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

### 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*

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

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**