



# TISSUE ENGINEERING FOR INDUSTRY

## 3D models for Pharmacology, Toxicology, ADME

### Applications in Pharmaceutics, Cosmetics, Health & Nutrition and Chemistry

9h15 *Welcome* Sylvio BENGIO, ADEBIOTECH, 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

10h00-10h20

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*

10h20-10h40

Jean-Claude LECRON, LITEC Université de Poitiers

*3D keratinocytes under cytokine fire: a complex combinatorial process*

10h40-10h50

Q&A to speakers

10h50-11h10

*Coffee break/Posters/Networking*

11h10-11h30

Christian PELLEVOISIN, EPISKIN

*Reconstructed human epidermis (RHE) and skin sensitization assays*

11h30-11h50

Sébastien CADAU, BASF BEAUTY CARE

*Sophisticated skin models for demonstrated cosmetic efficacies*

11h50-12h10

Eric ANDRES, OROXCELL

*Improved topical genotoxicity assessment using micronucleus assays on 3D reconstructed Human epidermises*

12h10-12h30

Q&A to speakers

12h30-12h50

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

14h30-14h50

Eléonore ATTIGNON, SERVIER

*A novel 3D bioprinted human liver tissue*

14h50-15H10

Jan MARKUS, MATTEK

*3D reconstructed small intestine epithelium for modeling of drug kinetics and toxicity*

15H10-15H30

Samuel CONSTANT, EPITHELIX

*Development of in vitro immunocompetent human airway epithelial models for toxicity testing and infectious diseases research*

15H30-15H50

Speaker and title to be announced

15h50-16h10

Q&A to speakers

15h10-16h30

*Coffee break/Posters/Networking*

#### 16h30-17H30

#### Round table and discussion on current and future applications - Day ends at 5:30 PM