



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