



# TISSUE ENGINEERING FOR INDUSTRY

3D models for Pharmacology, Toxicology, ADME

Applications in Pharmaceuticals, Cosmetics, Health & Nutrition and Chemistry

**Jeudi 7 Octobre 9H00-17H30, GENOPOLE, Evry-Courcouronnes (91030)**

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**Thursday, October 7, 2021**

8h45 Welcome coffee

9h15 **Welcome**

**Sylvio BENGIO, Adebiotech and Christophe DINI, Oroxcell**

9h30 **Keynote Lecture**

**Francelyne MARANO, Francopa**

*How do new cell and tissue technologies contribute to chemical safety assessment ?*

**10h00-11h20**

**Session 1 –**

10h00 **Marisa MELONI, VitroScreen, In Vitro Innovation Center**

*A pre-clinical path on gastro-intestinal tract: from 3D epithelial models to intestinal spheroids*

10h20 **Jan MARKUS, MatTek**

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

10h40 **Speaker to be confirmed, Perkin Elmer**

*Title to be confirmed*

**11h00-11h15**

**Coffee break**

11h20-14h30

Session 2 –

11h20 Christian PELLEVOISIN, **EPISKIN**

*Tissue engineering, a driver for change in medical device biocompatibility studies*

11h40 Sébastien CADAU, **BASF Beauty Care Solutions**

*Sophisticated skin models for demonstrated cosmetic efficacies*

12h00 Eric ANDRES, **Oroxcell**

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

12h20 Thibaut HONEGGER, **NETRI**

*Organ on chip approaches for Neuroscience : Neurofluidics reconstruction of neural networks and functional markers in drug discovery*

12h40-14h30

*Buffet lunch / Posters / Networking*

14h30-16h30

Session 3 – Hepatotoxicity, Pre-clinical assessments, Airways models, Regulatory and other approaches

14h30 Philippe DETILLEUX, **Sanofi**

*Micro-physiological models and other innovative in vitro systems for toxicity evaluation of new drugs - a Pharma Industry perspective -*

14h50 Samuel CONSTANT, **Epithelix**

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

15h10 Nathalie ALÉPÉE, **L'Oréal**

*Regulatory consideration : A case study on Eye Irritation*

15h30 Christian REGENBRECHT, **CELLphenomics GmbH**

*Precision Oncology Beyond Genomics: The Future Is Here—It Is Just Not Evenly Distributed*

15h50 Colin McGUCKIN, **CTIBiotech**

*3D-Bioprinting human tumors to revolutionize personalized- / targeted- medicine and pre-clinical pharmaceutical development against cancer*

16h10-16h30

*Coffee break/Posters/Networking*

16h30-17h30

Round Table discussion and conclusions – adjourn 17h30