



# Alternatives To Animal Experimentation

Innovative technologies to reduce/replace laboratory animals in industry

*Biocitech (Romainville-Paris), June 6-7th 2023*

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## Day One: Tuesday June 6<sup>th</sup>

9h30

Welcome Coffee and registration (Auditorium Pasteur, Biocitech)

10h00-12h00

Pre-conference technology workshops and demos (Conference foyer)

**Important: Access to workshops / demos is exclusively limited to participants duly registered to the plenary conference and should be booked separately**

- **Workshop 1:** **MatTek** tissue models
- **Workshop 2:** **NETRI** Organs-on-chip architectures and High-throughput microfluidics platform NeoBento
- **Workshop 3:** **ALTERTOX "TATAbbox"** edutainment game meant to open a conversation about NAMs and validation process in a fun and convivial environment.

## 14h00-15h00 Plenary Conference starts - Welcome and Keynote

- 14h00 **Welcome by Conference organizers**  
Sylvio BENGIO, **Adebiotech** / Christophe DINI, **Oroxcell**
- 14h15 **Keynote lectures**  
Amy CLIPPINGER, **PETA Science Consortium International e.V.**

## 15h00-18h00 Session 1 - INNOVATIONS: New Alternative Methods (NAMs) and new approaches to reduce animal testing

*Session chair: Nico FORRAZ, **CTIBiotech***

- 15h00 **Patricia MARTIN, **VIBIOSPHEN****  
*Apical out lung organoids as a relevant tool to study respiratory diseases*
- 15h20 **Thibault HONEGGER, **NETRI****  
*Brain-on-chip devices/ integration of different technologies into the same chip*
- 15h40 **Arnaud-Sinan KARABOGA / Stéphane GÉGOUT, **HARMONIC PHARMA****  
*QSAR assisted Predictive toxicology and animal experimentation replacement*
- 16h00 **Yuri DANKIK, **CERTARA (USA / UK)****  
*In vitro-in vivo extrapolation of dermal absorption of topically applied drug products using physiologically based pharmacokinetic (PBPK) modeling.*
- 16h20 *Coffee break*
- 17h00 **Nicolas VIOLLE, **ETAP-LAB****  
*Reducing animal use in efficacy studies of complex neurological diseases: good and bad news*
- 17h20 **Gregory LEMKINE, **WATCHFROG LABORATORIES****  
*New Alternative Methods (NAMs) for endocrine disruptors testing lessons learnt from applying OECD guidelines*
- 17h40 **Jérôme CARON, **CYPRIO****  
*Encapsulated spheroids applications*
- 18h00 *Short presentations*
- 18h00 **Leslie COUEDELO, **ITERG****  
*Nutrition – alternative to in vivo model*
- 18h10 **Sébastien RENOUF, **PathoQuest****  
*RNA Next-Generation Sequencing transcriptomics analysis: an alternative validated method to replace animal in vivo tests for assessing the viral safety of cell based Biologics*

## 18h20-19h30 FLASH POSTERS



**19h30-20h30  
COCKTAIL**



## Day Two: Wednesday June 7th

9h00

Welcome Coffee (Auditorium Pasteur, Biocitech)

9h30-11h00

### Session 2 - Pharmaceutical industry applications

*Session chair: Christophe DINI, Oroxcell*

9h30 Valérie CZEPCZOR, **SANOFI**

*in vitro ADME, our Challenges to Support Research Projects, how can we better predict cerebral or tumor penetration and therapeutic protein PK parameters, with the support of 3D cultures, microfluidic systems and “new” in vitro matrices?*

9h50 Yunhai CUI, **BOEHRINGER INGELHEIM GmbH (Germany)**

*EpilIntestinal microtissues as a model for Firstpass drug metabolism and transport*

10h10 Jan-Lund OTTESEN and Sif-Groth RØNN, **Novo Nordisk Denmark**

*A future without laboratory animals – what does it take?*

10h30 Samuel CONSTANT, **EPITHELIX**

*Models in infectiology and respiratory diseases: OECD validation, safety and efficacy*

10h50 Hugues CONTAMIN, PhD, DVM, CEO **Cynbiose** and Président **AFSSI**

*Therapeutic innovation versus 3R's : managing the transition*

11h00-12h00

### Session 3 - Chemical industries, medical devices and Cosmetics

*Session chair: Christian PELLEVOISIN, MatTek*

11h00 Thomas LÉOPOLD, **FRANCE CHIMIE**

*Review of the evolution of REACH requirements and role of the NAM (new alternative methods)*

11h20 Peter CORNELIS, **NELSON LABS (Belgium)**

*The Biocompatrail: a challenging hike towards animal-free testing of Medical Devices*

11h40 Colin MC GUCKIN, **CTIBiotech in collaboration with GATTEFOSSE**

*Bioimpedance-connected and vascularized 3D bioprinted human skin chip for high throughput efficacy testing*

12h00-12h30

### FLASH POSTERS

12h30

Buffet lunch, networking

14h00-15h00

### Session 4 - Nutrition

*Session chair: Rozenn RAVALLEC, Transborder INRAe BioEcoAgro Unit, Lille University*

14h00 Jonna KOPER, **LESAFFRE**

*Intestinal simulators in the 3R context*

14h20 Anthony TREIZEBRE, **LILLE UNIVERSITY**

*Organs-on-Chips: a new technological revolution for Food Safety and health impact*

14h40 Noémie DANIEL, **SYMRISE**

15h00

Coffee break

15h20-16h30

## GENERAL TRANSDISCIPLINARY ROUND TABLE and CONFERENCE CONCLUSIONS

**With speakers and participants to the Conference**

Quentin BAILLEUL, [Roquette](#)  
Nabil BOSCO, [Lesaffre](#)