



Alternatives To Animal Experimentation

Innovative technologies to reduce/replace laboratory animals in industry

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

Early bird 25% discount rates valid strictly until March 31 – register on site

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Day One: Tuesday June 6th

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 “TATAbox”** 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 DANCIK, 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)**
Epilntestinal 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](#)