

GOALS

Developments of techniques in chemistry, physics, bioengineering, or big data analysis, in association with improvements in the understanding of biological mechanisms, yielded a bloom of new tools for experimental approaches in life sciences. In vivo, in silico and in vitro studies benefit from tools such as OMICs, organoids, bio-artificial organs, use of ex-vivo material, telemetry and non invasive measurements, imaging in vivo and on cellular material. They also make it possible to use both human and animal data, with clinical or epidemiological approaches, in pathological or healthy situations. Some tools are so innovative that, beyond Replacing, Reducing or Refining existing approaches, they provide totally new information. Besides they offer opportunities to bridge presently separated scientific communities.

The European platform Ecopa is dedicated to the promotion of the 3R principle (refinement, reduction and replacement of animal experiments) and acts by:

- Dissemination of results obtained in this field
- Promotion of exchanges between the disciplines and especially between the four interested parties (associations, research, authorities, economic actors)

It has teamed up with its national French component FRANCOPA to organize this scientific symposium, which should illustrate the tremendous potential offered by the new tools for the investigation in life sciences. This symposium will allow the stakeholders from the four pillars of Ecopa to find new ways to structure the ethical debate on experiments, at a time where the new tools soften the distinction between experiment and observation, as well as they break some borders between disciplines.



ATTENDEES

Users of results in upstream and applied research, developers of methods, interested parties in product safety, in human and veterinary medicine, stakeholders NGOs on ethical research...

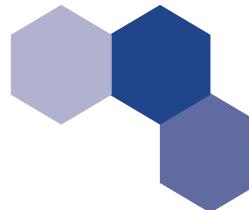
Following the symposium, a statement will be published.



Practical informations

Registrations

on Francopa website: <http://www.francopa.fr>
Deadline: 1/10/2018



Registration fees

Industry, Academic, NGOs : 230 euros
Students : 90 euros
Journalists: contact francopa@ineris.fr

Abstract and poster

Abstract submission for speaker and poster presentations: francopa@ineris.fr
Deadline for abstract submission: 15th September 2018
For poster and abstract format: <http://www.francopa.fr>

Place

Amphitheater BUFFON, Paris Diderot University
15 Rue Hélène Brion
75013 Paris-13E-Arrondissement
France



Access

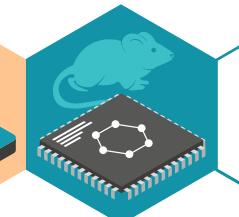
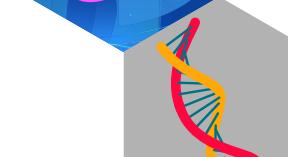
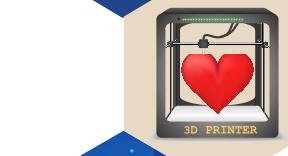
RER C
Subway line 14 Stop François Mitterrand library
<https://universite.univ-paris-diderot.fr/plan-dacces>



SYMPORIUM

5th and 6th November 2018 in Paris

2018



How new
experimental tools
in life sciences
challenge
the 3Rs vision?

**Amphitheater BUFFON,
Paris Diderot University
15 Hélène Brion Street**

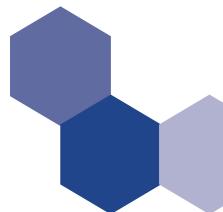


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FRANCOPA Members

ANSM - Agence nationale de sécurité du médicament et des produits de santé
Anses - Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail
CEA - Commissariat à l'énergie atomique
CNRS - Centre national de la recherche scientifique
Febea - Fédération des entreprises de la beauté
Ineris - Institut national de l'environnement industriel et des risques
Inra - Institut national de la recherche agronomique
Inserm - Institut national de la santé et de la recherche médicale
LEEM - Les entreprises du médicament
LFDA - La Fondation Droit Animal, éthique et sciences
Ministère de l'Enseignement supérieur et de la recherche
Opal - Recherche Expérimentale et Protection de l'Animal de Laboratoire
SIMV - Syndicat de l'Industrie du Médicament et réactif Vétérinaires
SPTC - Société de Pharmacotoxicologie Cellulaire
UIC - Union des industries chimiques

PROGRAM

5th November

Welcome – 15 min Francelyne MARANO, FRANCOPA President

Opening Keynote – 30 min Robert BAROUKI, INSERM

Session 1 System biology and physiopathology

Keynote 1: Uwe MARX, TissUse GmbH
Oral presentations: Applications of new tools to investigate disease and physiology

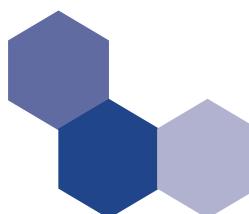
Session 2 Organoids and organ on chip

Keynote 2: Xavier GIDROL, CEA (to be confirmed)
Oral presentations: the approaches for organ simulations, from organoids to organ on chip

Session 3 Omics, Biomaps, Exposome

Keynote 3: Thierry RABILLOUD, CEA
Oral presentations: Development of omics from highthroughput screening to exposome and personalized medicine

ECOPA GENERAL ASSEMBLY for ECOPA members



6th November

Session 4 Education and training in medicine

Keynote 4: Antoine TESNIERE, Illumens

Oral presentations: Use of new devices such as dummies and simulators in education and trainings

Session 5 Computational toxicology and drug efficiency

Keynote 5: Paul JENNINGS, Amsterdam University
Oral presentations: Recent developments in computational biology and toxicology, virtual organs

Session 6 Telemetry and Imaging

Keynote 6: Gilbert SCHOENFELDER, BfR

Oral presentations: Cell and small animal imaging and other non invasive methods

Round Table : Scientific committee

Conclusion: Innovation for new tools and new tools for advances in life sciences

Francesca PISTOLLA, ECVAM

Hélène CHRAYE, DG Research and Innovation

Young Scientist Awards

Symposium closing