



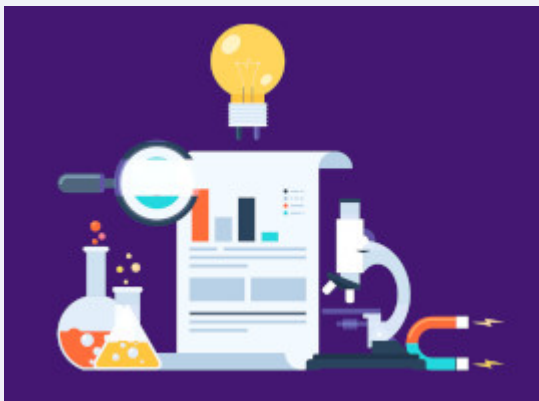
December 2023

Survey on intracardiac perfusion practices in laboratory rodents

Conducted by a national working group, in order to propose good practices and recommendations.

[Answer the survey](#)

Thank you for your participation!



SHADE: the french experimental design app

Discover the experimental planning software developed by Institut Pasteur's Bioinformatics and Biostatistics Hub.

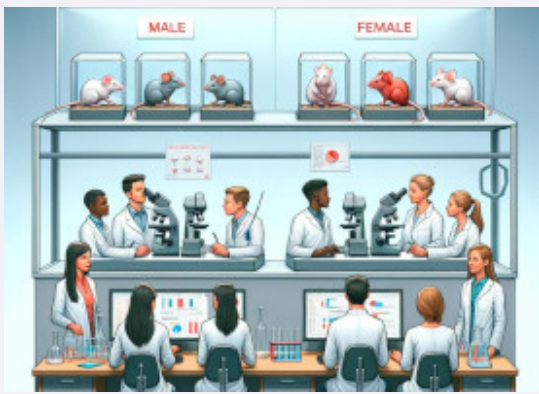
[Read the news](#)



The next FC3R webinar

It will focus on **organoid models and applications in research**, and will be held on January 18, 2024. It will be presented by Audrey Ferrand and Bertrand Pain, GDR Organoides members.

[Read more](#)

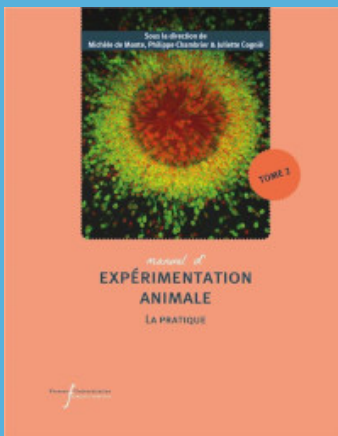


For sex-inclusive in vivo research

Sex is a significant source of variation in research, which must be considered mindfully and effectively. Roadmap to a more sex-inclusive research.

[Read the news](#)

Focus on



Manuel d'expérimentation animale: la pratique

TOME 2 : Travailler avec les ruminants, les primates non humains, les porcs, les espèces aquacoles vertébrées, les céphalopodes

The 2 volumes cover all the topics covered in the regulatory training courses required to acquire the skills needed to work with animals, whatever the species. [Read more](#)

Publisher : PUF - Price : 70 €

3Ranker

An AI-based algorithm for finding non-animal alternative methods

3Ranker is a free search algorithm, created using a machine-learning approach, capable of identifying articles describing potential alternatives to animal use and ranking them according to their "3Rs score". Currently focused on "skin", 3Ranker will gradually extend its scope to cover multiple research areas. [Read more](#)



National Centre
for the Replacement
Refinement & Reduction
of Animals in Research

Review of animal use requirements in WHO biologics guidelines

NC3Rs reviewed World Health Organization (WHO) manuals, guidelines and recommendations for vaccines and biological therapeutics to identify the extent to which animal-based testing methods are described. The principal aim of this review was to recommend where updates to these documents could lead to an increased and more



TKPlate - Food safety without animal testing?

Historically, safety assessments of chemicals in food have been based on evidence derived from animal experiments.

A new online platform has been developed by scientists from EFSA and other European research organizations: "TKPlate". It provides a space and a set of tools for modeling and predicting the toxicity of chemicals and what happens to them in the body. Designed for both scientists and regulators, TKPlate marks an important step towards a future in which animal testing is reduced or non-existent. [Read more](#)

Featured training



[Animal free safety assessment for cosmetics](#)

January 29 to February 2, 2024, remote training



[Initiation à la chirurgie expérimentale - Mammifères](#)

January 29 to February 2, 2024, Nantes (France)



[Modèles cellulaires et animaux des maladies neurodégénératives](#)

January 29 to February 2, 2024



COMTECH
[Le raffinement à travers le comportement de l'animal](#)

January 25, 2024
Paris (France)

WORLD DAY
[World Organoid Research Day](#)

February 27 to 28, 2024
Cambridge (UK)

WORKSHOP
[Improving Welfare and Reproducibility in Zebrafish Research](#)

April 09 to 11, 2024
Exeter (UK)



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