



November 2024

3R Awards 🏆 2024



During the first "Journées françaises des 3R", which brought together more than 600 participants, the FC3R awarded :

the 3R "Research" prize to Fabien KAWECKI for his publication on the development of biorobotic and *in silico* heart models,

the 3R "Culture of Care" prize to Fabrice REIGNER for the 3R commitment of his equine team for over 20 years,

and the Scientific Committee's "Special Mention" was awarded to Emeline PERTHAME for her project to support experimental design.

The logo for ExaVir features the word "ExaVir" in a stylized, black, sans-serif font. The "x" is lowercase and smaller than the other letters. Below the text is a decorative blue wavy line.

Exavir, a software program to reduce the use of animals

Developed by the University of Angers, it reduces the use of animals while ensuring an interactive and innovative teaching approach.

[Read the news](#)

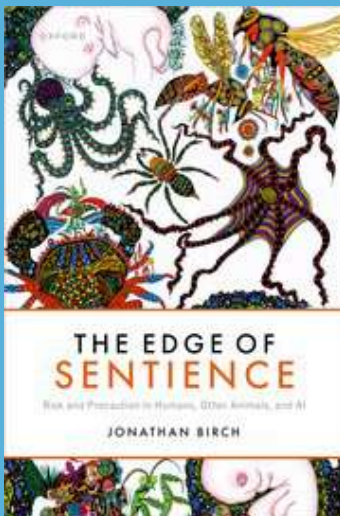


Upcoming FC3R Webinar

It will focus on the "Exploratory Priority Research Program and Equipment (PEPR) Organ and Organoid on Chip (MED-OOC)". It will take place on Thursday December 12th and will be presented by Dr. Xavier GIDROL, Dr. Anne-Marie GUÉ, Dr. Emily TUBBS, Dr. Maria Carla PARRINI.

[Read more](#)

Focus on



The edge of sentience

Risk and Precaution in Humans, Other Animals, and AI
Jonathan Birch's book explores ethical issues related to the frontiers of sentience and analyzes the risks associated with humans, animals, and artificial intelligence. He offers a comprehensive precautionary framework to guide our evidence-based ethical decisions, even in the face of uncertainty.

400 pages - Price: £30.00 - Free download

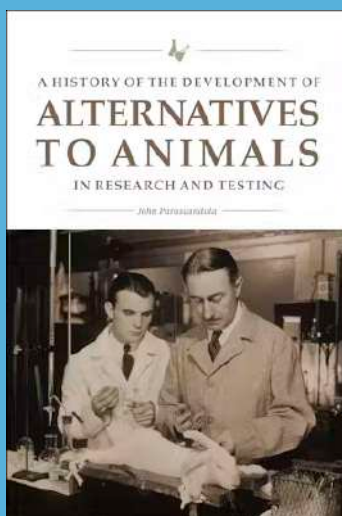
[Find out more](#)

Cognitive performance of laboratory rats

Labeling some animals as "laboratory animals" negatively affects the way they are perceived: they are seen as less conscious and less sentient than domestic animals of the same species (Vezirian et al., 2024). Yet some animals used in laboratories have remarkable cognitive and social abilities.



A review recently published in Science highlights the altruistic behavior, empathy and complex social skills in rats. Recognizing the intellectual sophistication of animals used in research is essential to improving their welfare and promoting alternative approaches. (Ben-Ami Bartal, 2024).



A History of the Development of Alternatives to Animals in Research and Testing

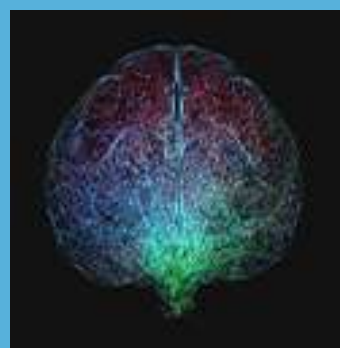
John Parascandola's book traces the history of the concept of alternatives to animal use in research and testing in the UK and the US. He discusses the key role played by animal welfare advocates, the resistance of many members of the scientific community, the compromise and cooperation between these two groups, and the dominance of the 3Rs.

194 pages - Price: \$99.99 - Free download

[Find out more](#)

A Cell press collection of alternative neuroscience models

Cell Stem Cell and Stem Cell Reports bring together in this online collection their neuroscience papers that use stem cell-derived in vitro models to explore the fundamentals of neurodevelopment, neurodegeneration, brain injury, and regeneration. Discover how these authors combine human organoids and bioprinted tissues with *in silico* approaches to advance animal-free neuroscience research. [Find out more](#)



Featured training



[Approche statistique pour les stratégies d'expérimentation animale : mise en œuvre des 3R](#)

January 16, 2025, Sorbonne Université, Paris (France)



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



PEPPER SYMPOSIUM

[Perturbateurs endocriniens : accélérons ensemble la validation des méthodes pour nous protéger](#)

December 6, 2024
Paris (France)

SWISS 3R CC SYMPOSIUM

[Successfully Implementing NAMs: practical applications in Drug Development and Clinical Practice](#)

December 13, 2024
Bern (Switzerland)

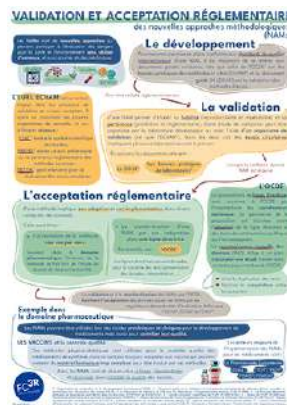
COMTECH SYMPOSIUM

[La douleur : Tous concernés !](#)

January 23, 2025
Paris (France) and online
The FC3R will be present

On FRIA

French-language database of resources on the 3Rs



Validation et acceptation réglementaire des nouvelles approches méthodologiques (NAMs)

Thematic: Toxicological and regulatory studies

Type of resource: Poster / Flyer / Computer graphics

Source: FC3R - June 2024



Méthode MDA (Micropipette-guided Drug Administration - administration de traitements guidée par micropipette)

Thematic: Animal welfare, in vivo models and techniques

Type of resource: Guide / Fact sheet

Source: Rodent MDA - August 2024



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