

PRO ANIMA SCIENTIFIC COMMITTEE A PIONEERING AND UNIQUE NGO IN FRANCE

Created in 1989

Under the honorary presidency of Professor Théodore Monod (1989 - 1999)



Pr Théodore Monod

"I prefer ignorance, despite my tireless curiosity, to the acquisition of knowledge that I know was only obtained through the suffering of a living being."

Christiane Laupie-Koechlin

"With technological progress and the advances of scientific knowledge, it is possible to do things differently and better than with animal testing"



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Goals

Contribute to better evaluation of drugs and chemical substances for health and the environment

thanks to innovative methods without the use of animals



Missions

<u>Promote, finance and gain scientific and regulatory recognition for non-animal methods and technologies</u>



MULTI-LEVEL ACTIONS



RAISE AWARENESS

CITIZENS, SCIENTISTS, REGULATORS, POLITICAL AND ECONOMIC ACTORS



FINANCE

NON-ANIMAL RESEARCH WITH THE DESCROIX-VERNIER ETHICSCIENCE PRIZE









PUBLISH

SCIENCES, ISSUES, HEALTHThe only French journal dedicated to non-animal research



FOSTER DIALOGUE

KEY PLAYERS IN THE SECTORIndustries, researchers, regulators





citizens, media, public authorities, economic actors, researchers/scientists





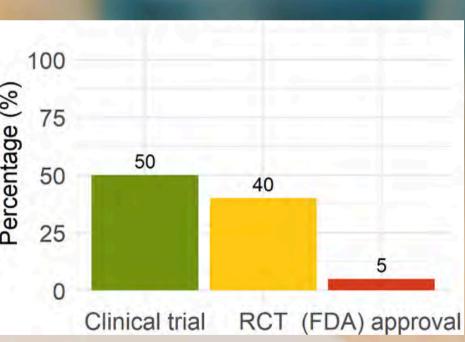




HEALTH AND THE PHARMACEUTICAL INDUSTRY: LIMITED BY AN OBSOLETE MODEL

Results are difficult to transfer and reproduce

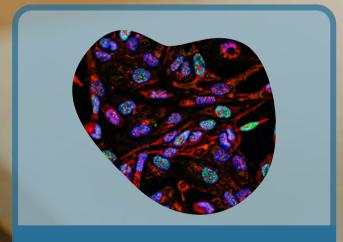
Failure rate between 80 and 99%



Source: Ineichen BV, et al., PLoS Biol (2024)

10-15 years for a drug to be approved (~\$2.6 billion)

THE HEAVY RELIANCE ON ANIMALS



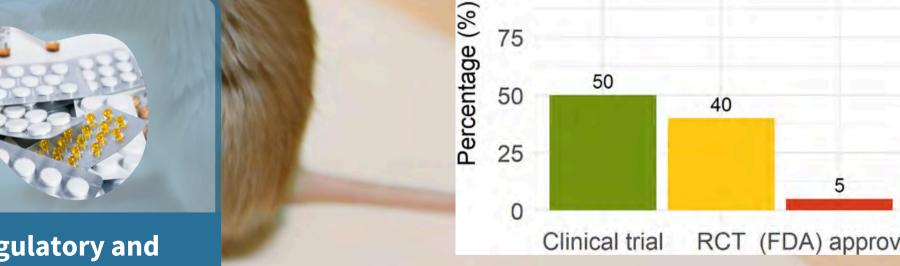
Basic research (~40%)



Applied research (~30%)

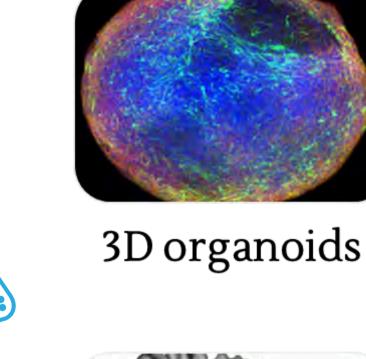


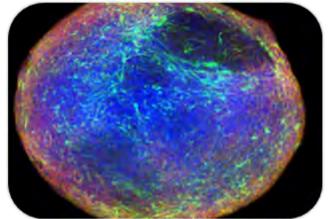
Regulatory and toxicology (<30%)

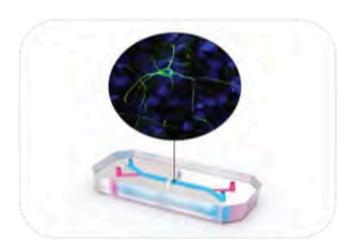




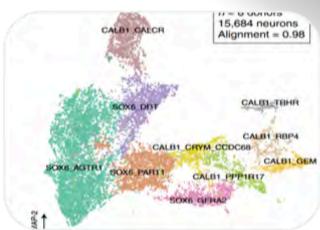
NEW NON-ANIMAL METHODS: PROMISING ALTERNATIVES



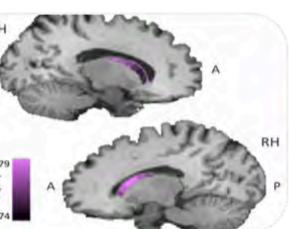




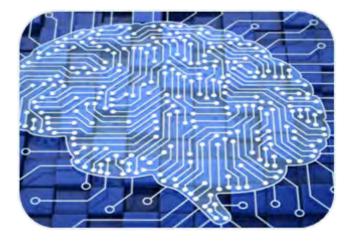
OoC



Single-cell Multi-omics



Advanced imaging



AI, Machine Learning



3D-printed organs

Better predictability, efficiency, and reproducibility

Save time and money

Benefit for patients



NON-ANIMAL METHODS: AN INTERNATIONAL MOVEMENT

FDA Modernisation Act 2.0 & 3.0

US



NAMs can be used instead of animal studies for drug development and approval.

Roadmap

European Commission



Replacing the use of animals in next-generation chemical risk assessment.

Transition centre

The Netherland



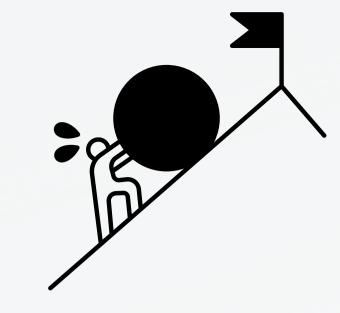
Dutch National
Growth Fund
invests 124,5
million in
transition to
animal-free
innovation

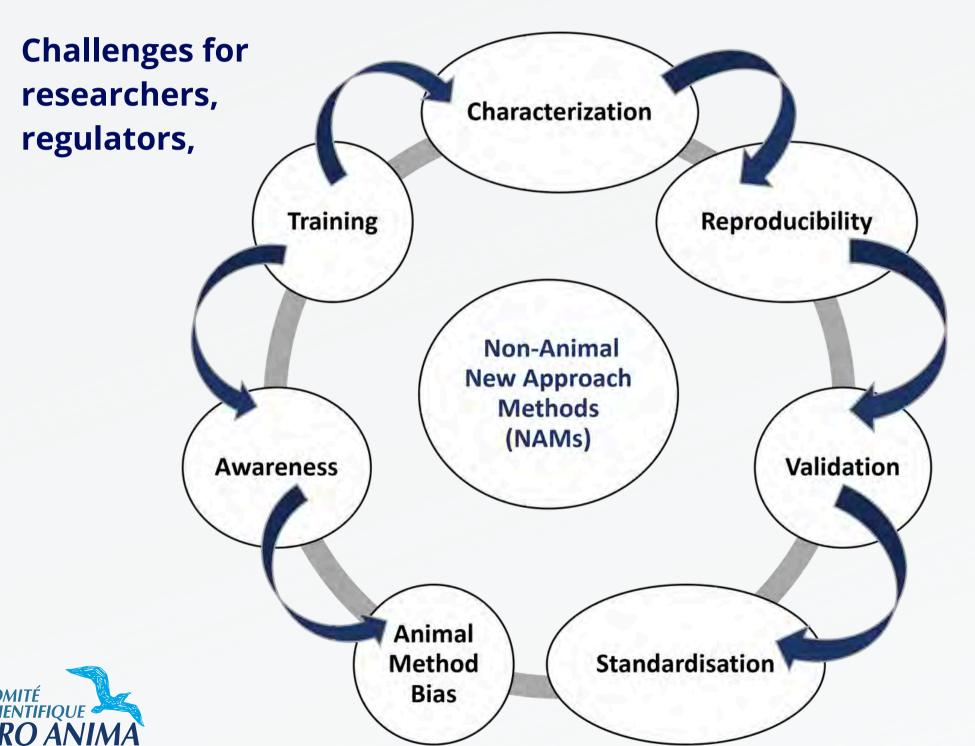
The Netherlands is setting the stage for transition science, but The Netherlands cannot achieve the change alone, as regulations usually work on a global scale.

Prof. Merel Ritskes-Hoitinga



NAMS CHALLENGES: EXPERTS & GENERAL PUBLIC





Patient trust and Public awareness

How to communicate with the general public? Role of researchers and the media









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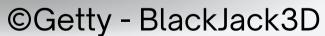


































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