

Take Action to

REDUCE THE ANIMALS SUFFER IN THE LABS

Despite growing public concern and the development of more humane, human-relevant in vitro methods, animal testing remains a widespread practice globally. These traditional models are not only cruel but also frequently unreliable, as they fail to accurately replicate the complexities of human biology. This disconnect often leads to ineffective results in drug discovery and treatment development. The pressing need for innovative alternatives has never been greater, as advancements in technologies like on-chip models offer a promising, ethical, and scientifically superior path forward.



THE NUMBERS ARE MINDBLOWING!

Out of the total number of animal uses in the EU in 2022,



33%
were for basic research purposes



while only **12%**
were required by regulators!



192,100,000

animals were used for scientific purposes worldwide in 2015.



80,000,000

experiments used animals during 2015.



9,300,000

animal experiments were done across the EU & Norway in 2022.



9,600,000

animals were bred and killed, not used in experiments in EU in 2022.



2,100,000

France had the highest number of animal uses in Europe in 2022



2,681,686

procedures on animals were completed in Great Britain in 2023.

ANIMALS USED IN TESTS BY EXPERIMENT TYPE, EUROPE, 2022



152,642

Batch Potency Tests



33,029

Skin Sensitization Tests



19,168

Pyrogenicity Tests



3,824

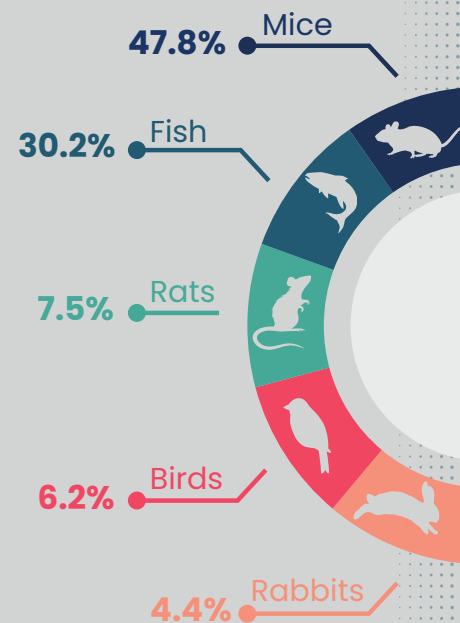
Skin Irritation Tests



383

Eye Irritation Tests

ANIMALS USED FOR SCIENTIFIC RESEARCH BY ANIMAL CLASS, EU, 2022



ADVANCING SCIENCE WITHOUT SUFFERING: ANIMAL-FREE TESTING

Every year, more than **110 million** animals are killed in U.S. laboratories.

95% of drugs tested on animals **fail** to meet the standards for human use!

Alternative Methods

ON-CHIP TECHNOLOGIES



Cheaper

Organ on Chip methods can make a reduction of 10-26% in the pharmaceutical R&D costs.



Quicker

By using Organ on Chips instead of non-human primates, Moderna could decrease a testing study from 60 months to 18 months!



More Effective

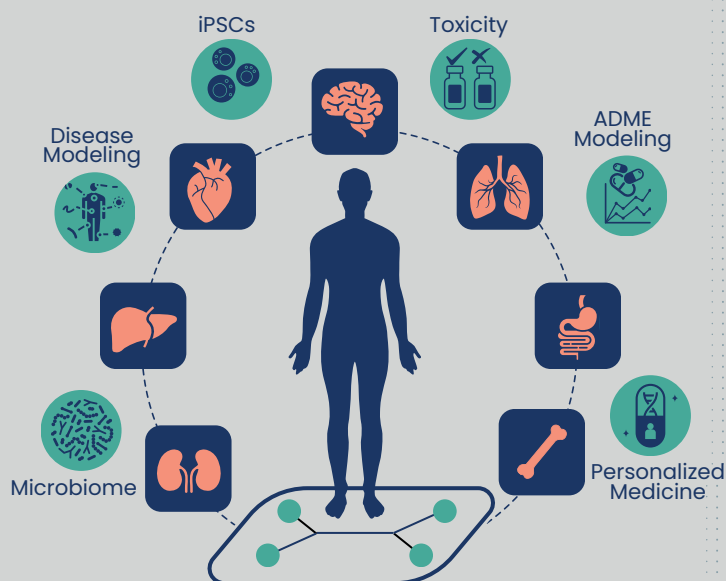
Organ on Chips excel at assessing drug-induced liver injury, which contributes to about 18% of drug failures due to safety concerns.

NAMs

Non-Animal Methods

Novel Alternative Methods

These are in chemico, in silico, and in vitro methods that can replicate human biology, and have been shown in some cases to perform the same as or even better than standard animal models.



ABOUT US

CanChip is pioneering cancer research with advanced tumor-on-a-chip technology. By replicating the tumor microenvironment, we accelerate drug discovery and personalized treatment development. Partnering with universities, we strive to transform cancer care through innovation and collaboration.

OUR MISSION

At CanChip, our mission is to revolutionize cancer research by replicating the tumor microenvironment on a chip. We strive to accelerate drug discovery, advance personalized treatments, and bridge the gap between research and clinical applications, transforming cancer care for a better future.

OUR PRODUCTS

- Organ-on-Chips
- Tumor-on-Chips
- Cell-Free-Chips
- Multi Organ-on-chips
- Customized Chips