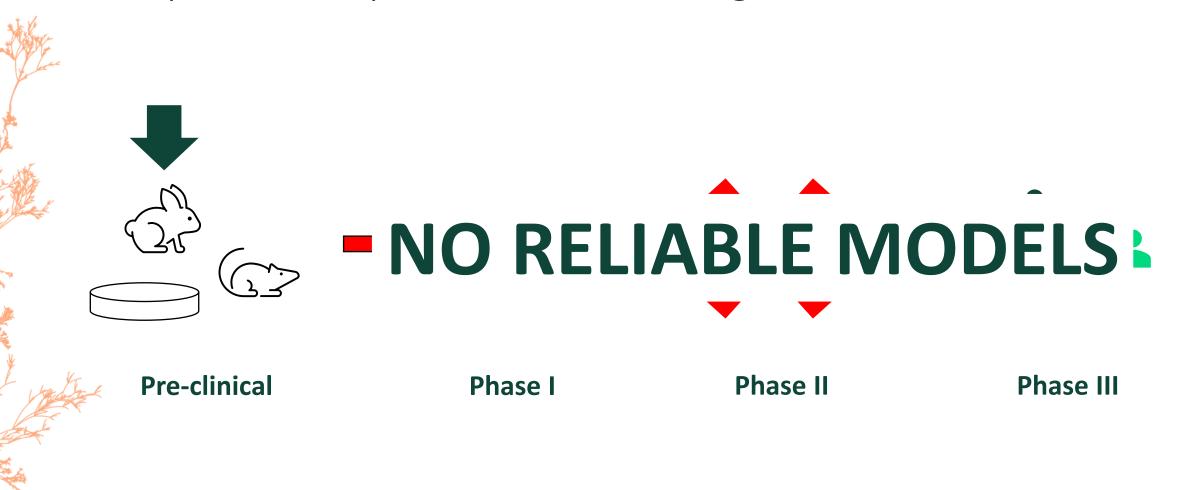
THE TECHMED EVENT





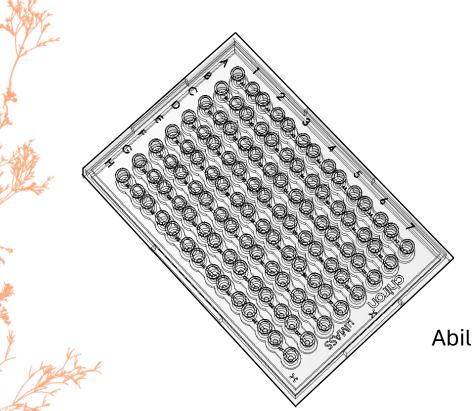


Why Move Beyond Animal Testing?





Organ-on-Chip: A Revolutionary Alternative

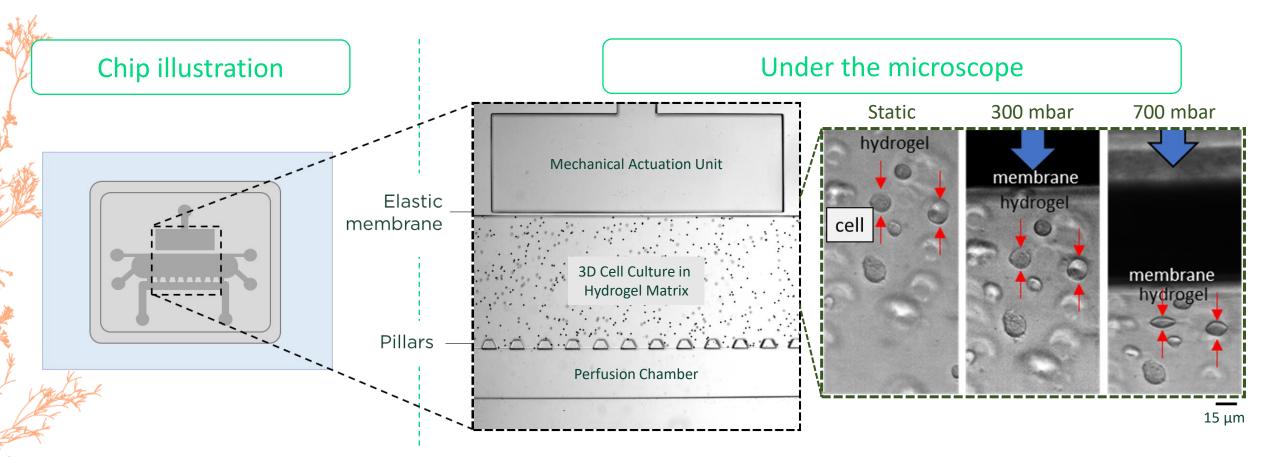


Miniaturized models able to recapitulate key characteristics of human physiology while providing full control on potential variables (e.g. biomechanical and biochemical stimulation

Ability to simulate real human responses, leading to more accurate results in drug testing and disease modeling.



Chiron's Role in Animal-Free Innovation



Mechanical stimulation with pressure applied to flexible membrane, via connected air pump, and real-time visualization under the microscope during experiments



Collaborating for a Better Future



Company founded: 2022

Spin off of University of Twente

Collaboration:

Academia
Research institute
Hospital
Pharmaceutical companies

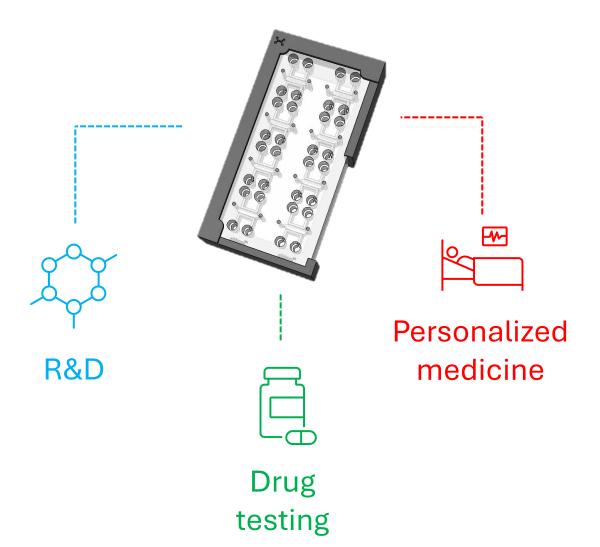
Objectives:

- develop more effective treatments
- reduce drug development time
- lower costs

help streamline the development of therapies while improving patient outcomes and reducing reliance on animals



The Road Ahead for Animal-Free Innovation





Innovative Science and Technology Approaches for New Drugs (ISTAND) Pilot Program

"The FDA Modernization Act 3.0 will cut burdensome red tape to allow drug manufacturers to use modern and more humane alternatives to improve safety for animals and patients alike. 6 Feb 2024

The Road Ahead for Animal-Free Innovation

Centre of Expertise



UNIVERSITY OF TWENTE.

Organ-on-Chip Centre Twente





Global Education Hub

The global education hub for animal-free education, initiated by TPI Utrecht and Peta UK, is a collaborative space for the exchange and co-creation of educational resources. Through this project, the hub strives to advance animal-free education and education about animal-free research methods, emphasizing the significance of innovative non-animal models and the importance of unified efforts in shaping the future of education.





National Funding



National Growth Fund invests 125 million euros in animal-free innovations

The Dutch National Growth Fund will invest 124.5 million euros in a new centre for animal-free biomedical testing. Of this investment, 55 million





Join the Movement Towards Ethical Innovation

Better drug pre-clinical assessment Enhanced discovery capabilities Human-like biological processes Potential for personalized medicine







Connect us on linkedin

Let's find new treatments... TOGETHER

Thank you



Our website

