Quris is an artificial intelligence innovator with goal to disrupt the drug development process. Our Bio-AI platform better predicts which drug candidates will safely work in humans, avoiding the tremendous costs of failed clinical trials and animal testing. Quris is already working with leading pharma companies to evaluate the safety profile of pre-clinical and clinical assets.
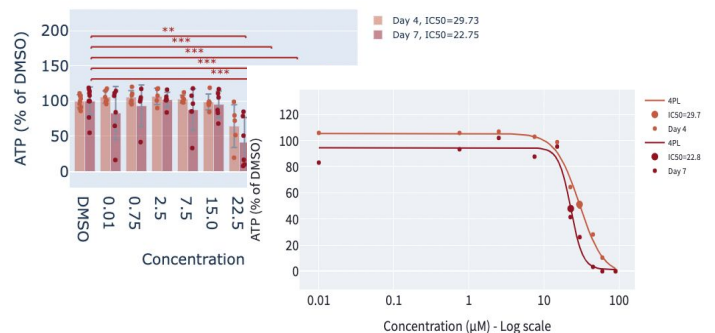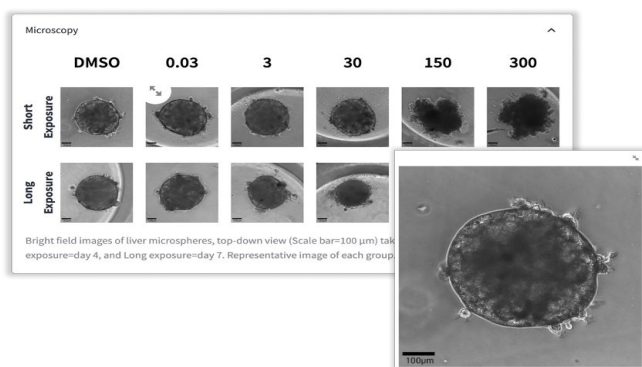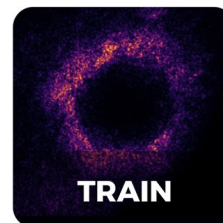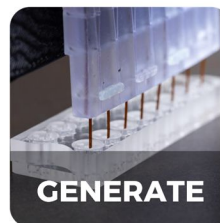
Unmet Need: Drug safety is a major unaddressed problem. A staggering 92% of all drugs fail in clinical trials, despite 'successfully' passing animal testing, costing pharma companies over $53B each year. There is currently no company or solution that addresses this challenge: predicting which drug candidate will be safe in the human body, and for whom.

Bio-AI Platform: Quris uniquely combines the power of cutting-edge ML together with patients-on-chip technology, to better predict drug safety. How does it work? While the science and technology are complex, its essence is a simple, three-tiered process:

Generate millions of interactions between known drugs (safe drugs and toxic ones) and patients-on-chip (miniaturized interconnected human organs on a chip).

Train the AI model, based on the proprietary multi modality labeled data. Including microscopy images and proprietary nano-sensing.

Predict whether a new drug candidate will be safe to the human body, and for whom

GENERATE TRAIN PREDICT

Microscopy

	DMSO	0.03	3	30	150	300
Short Exposure						
Long Exposure						

Bright field images of liver microspheres, top-down view (Scale bar=100 μm) tak... exposure=day 4, and Long exposure=day 7. Representative image of each group.

Stellar Team: Based in Boston and Tel-Aviv, Quris is led by a team of track-record pioneers in the fields of machine-learning, statistics, biology, software, genomics, engineering, and med-tech – all with a strong track record of success, including Moderna's co-founder Langer, Nobel laureate Ciechanover, and former Pfizer CEO McKinnell. The founders authored 48 patents, led two FDA approved products, and multiple successful Life-Sci exits (M&A, NASDAQ IPO).

> "Quris is going to have a far greater impact on the pharmaceutical industry and world-health than anybody realizes."
>
> Henry McKinnell, former Pfizer CEO