

NETRI

THE FUTURE OF
ORGANS-ON-CHIP
STARTS HERE

NETRI

Everything we do, we believe in challenging the way new treatments are discovered.
Organs-on-Chip is a revolution that should be accessible to all

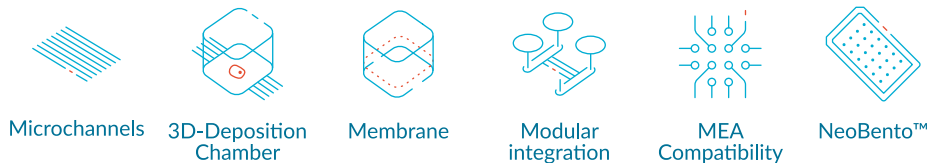
Rooted in Neuroscience, we develop modular technologies to industrialize and standardize human *in-vitro* predictive models

DEVICES

Our standard, or customer-inspired, devices are designed to improve and accelerate the time to clinical trials of new treatments by:

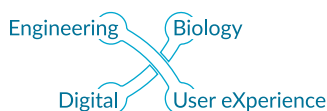
- Translating human physiology into organ-on-chip
- Ensuring reproducible readouts for mode of action exploration
- Developing robust and automated organ-on-chip technologies with high throughput screening capacity and that is compatible with common lab equipment

TECHNOLOGY BUILDING BLOCKS



Our aim is to translate physiological behaviors of Central and Peripheral Nervous Systems by integrating our technologies within one chip

AREAS OF EXPERTISE



We embrace a multidisciplinary & integrated approach to allow endless configurations and a user-centric experience. We handle the complexity so you can focus on your goals & needs

WELCOME TO THE ORGANS-ON-CHIP'S SCIENTIFIC, REGULATORY & ETHIC REVOLUTION



Boost the effectiveness of the pre-clinical stage
thanks to Organs-on-Chip

- **More efficient, faster Research**
Less money spent on irrelevant models. Less animal testing
- **Enhanced Success Rate**
Less money spent on doomed trials
- **Up to 16% more monetizable lifespan**
Optimizing effort and pre-clinical time up to 50%

JOINT DEVELOPMENT PROGRAMS



Fast forward decision-making

You have a specific need we didn't cover yet?

Our team of neurofluidics engineers and hiPSC scientists will brainstorm to design the most appropriate Neurofluidics™ device with its hiPSC derived cells SOP to conduct your research. The initial proof of concept will be followed either by a direct exploitation by NETRI's production services or a technological transfer directly to your team

Based on 10 years of scientific research, NETRI has developed a unique know-how in designing organs/organoids- on-Chip by integrating disruptive building blocks into the same microfluidic devices, while maintaining industrial production standards compatible with pharma industry equipments & requirements.

Thanks to our patented technologies, we are capable of manufacturing prototypes and validate their biological function using primary animal or human induced pluripotent stem cells differentiated in our chip. Our unique infrastructure allows us also to scale up chip production for mass production.

Need more information about NETRI's products and services or how Organs-on-Chip revolutionize pre-clinical trials and human *in-vitro* models? Contact us!

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