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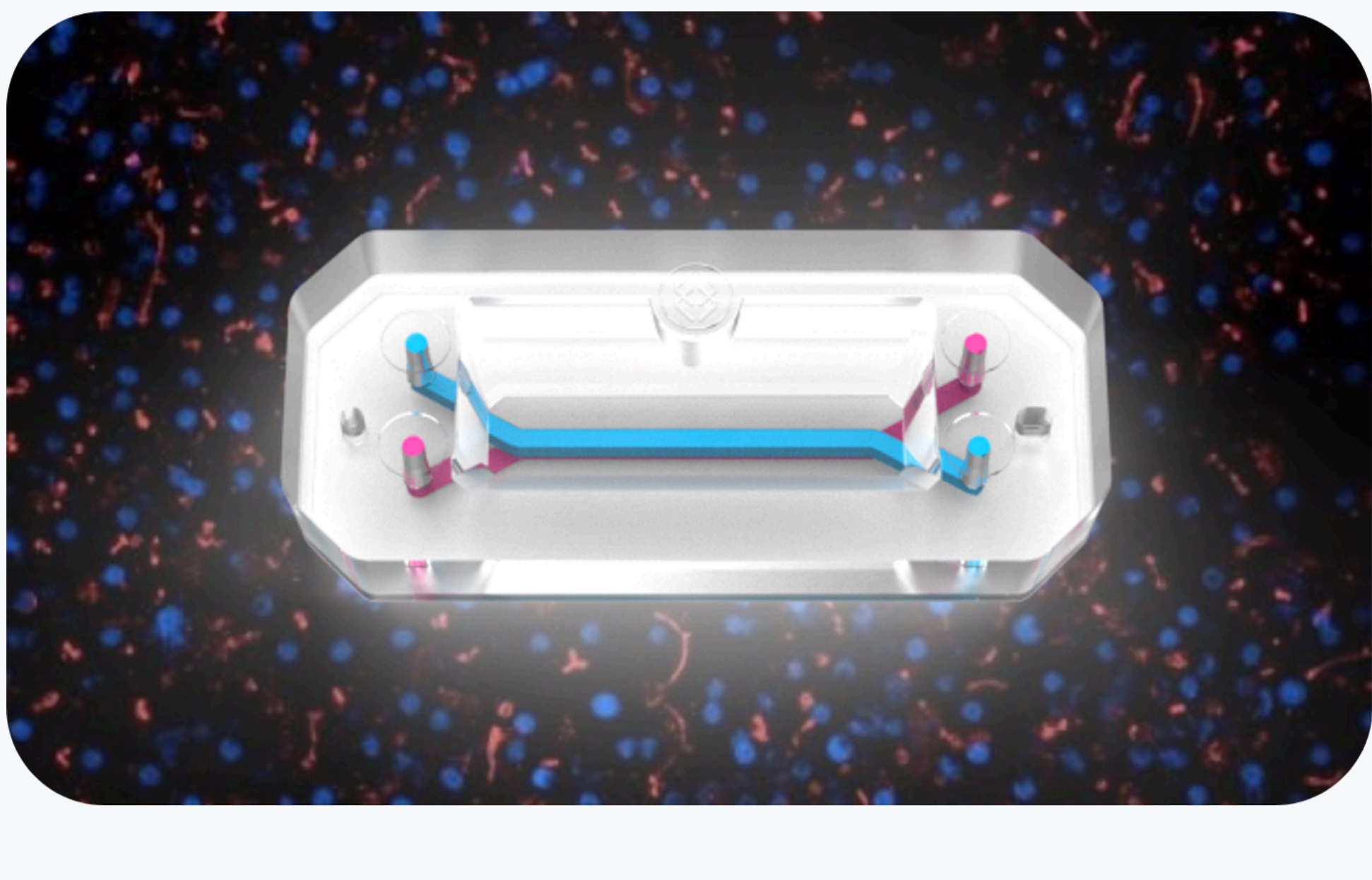
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# Unlock Human-Relevant Insights with Organ-Chips

Reduce translational failure and improve human disease research with unparalleled *in vitro* complexity

EXPLORE OUR PLATFORM

APPLICATIONS



ANNOUNCING

## Emulate Launches Chip-R1™ Rigid Chip

Chip-R1 builds upon the core microfluidic design of Organ-Chips, enhancing the accuracy of drug dosing experiments for ADME and toxicology applications. Constructed using low-drug-absorbing plastics, Chip-R1 offers researchers greater precision in predicting human drug responses.


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BLOG



### The Role of Complex In Vitro Models in IND Submissions to the FDA

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### ChipChat: What is a “Big Toe-on-a-Chip”? Exploring the Endless Possibilities of Organ-Chips with Emulate Chief Scientific Officer Lorna Ewart, PhD


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### Emulate Liver-Chip S1 Accepted into FDA's ISTAND Pilot Program. What's Next?

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EVENTS



### Chip-R1 Rigid Chip: Improved Precision in ADME-Tox Testing

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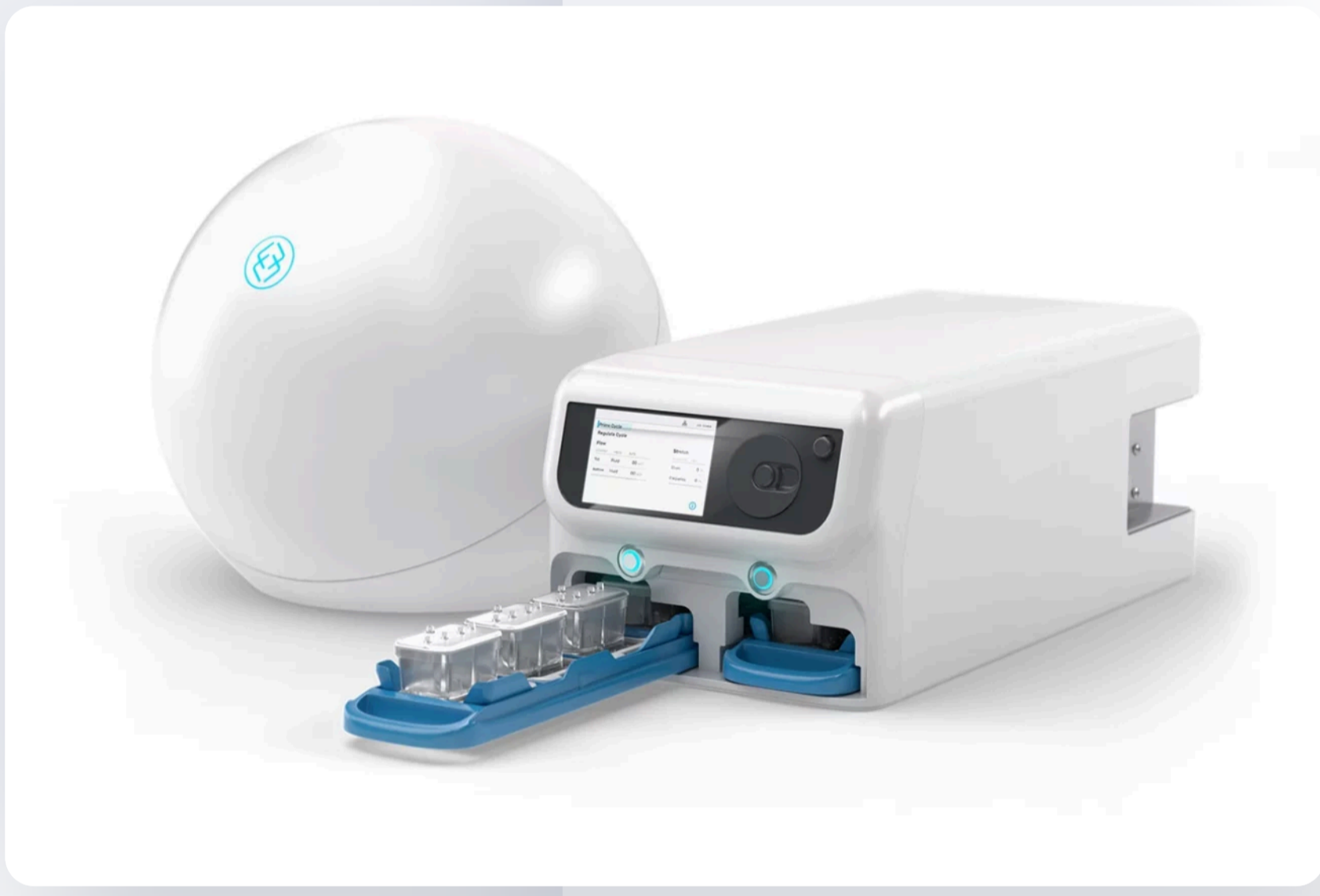
### Shanghai MPS Day

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### Festival of Biologics 2024

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HUMAN EMULATION SYSTEM

## Unprecedented biological insight

The Human Emulation System is comprised of instruments, consumables, and software in a flexible, open format. The user-friendly platform gives researchers a window into the inner-workings of human biology.

LEARN MORE

See How Organ-Chips are Being Used By:



PRODUCTS	SERVICES	APPLICATIONS	RESOURCES	ABOUT	SUPPORT
Organ-Chip Overview	Services Overview	Cancer	Publications	About Us	Protocols
Brain-Chip	Standard Services	Cell Therapy	Application Notes	Careers	User Guides
Colon Intestine-Chip	Custom Services	Gene Therapy	On-Demand Webinars	News	Utility Hub
Duodenum Intestine-Chip	Meet the Team	Immunology & Inflammation	Blog	Events & Webinars	Contact Technical Support
Kidney-Chip	Contact Research Services	Infectious Disease			
Liver-Chip		Microbiome			CONTACT SALES
Lung-Chip		Neuroscience			CONTACT US
Platform		Toxicology			
Consumables					
BioKits					
Software					