

October 29, 2026
Mitsui Chemicals, Inc.

Mitsui Chemicals Invests in iOrganBio, Developer of a Human Cell Design and Manufacturing Platform

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: ICHIMURA Satoshi; hereinafter “Mitsui Chemicals”) has invested in iOrganBio, Inc. (Headquarters: North Carolina, U.S.; CEO: Daniel Delubac; hereinafter “iOrganBio”) through 321Catalyst™, Mitsui Chemicals’ corporate venture capital (CVC) fund.

■ About iOrganBio

iOrganBio is a US-based biotechnology startup that supports drug discovery and regenerative medicine through the design and manufacture of human cells and organoids. Leveraging proprietary technologies that integrate AI, single-cell analysis and robotics into a closed-loop autonomous laboratory, the company is developing a physical AI platform capable of producing target human cells and organoids with a high degree of uniformity and reproducibility. iOrganBio supports pharmaceutical and biotechnology companies by designing cell models that replicate their identity and function inside the human body for evaluating drug candidates and by manufacturing cells required for cell therapy research and development.

iOrganBio Company Profile

Company name	iOrganBio, Inc. 
Location	Morrisville, North Carolina, U.S.
Chief Executive Officer (CEO)	Daniel Delubac
Established	July 2024
Business	Development of a cell design and manufacturing platform
URL	https://iorgan.bio

■ Purpose of the Investment

iOrganBio has developed a proprietary platform for the efficient and consistent production of human cells and organoids for use in drug discovery and regenerative medicine. Mitsui Chemicals will contribute its materials design and development capabilities, including its InnoCell™ cell culture plates. By combining their respective technologies and optimizing culture conditions that allow cells to grow and function consistently, the two companies aim to improve the quality of cells and organoids and enable the production of cell types and organoids that have previously been difficult to manufacture.

Going forward, the companies will explore the joint development of new drug discovery technologies that could complement or serve as alternatives to animal testing, including efficacy and safety assessments using these cells and organoids, as well as related materials suitable for cell culture.

Through its collaboration with iOrganBio, Mitsui Chemicals aims to contribute to greater efficiency in drug discovery and advances in cell therapy and regenerative medicine, while creating new solutions that support life, health and enriched lifestyles.