

R&D Cost of mii-Bioprocess (miibio, Inc.)



Business Plan

Driven by the urgent need to address climate change through sustainable industrial practices, biomanufacturing has gained significant global attention. miibio, Inc. is expanding its mii-Bioprocess — a proprietary technology that leverages light to control production processes, providing a highly effective and scalable solution for mass-scale biomanufacturing.

Research Outline

The goal of this R&D project is to increase the production yield of target substances. To achieve this, we will develop the switching performance of the foundational photoswitchable smart cells, develop resistant strains tailored to the target substances, and undertake the development and construction of a pilot plant.

City	Year of Establishment	Founder
Kanagawa	2019	Kensho Hayamizu Moritoshi Sato

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Materials	STS 2025-2027 FY	JPY 498 million	-

Partner VC	Latest round of Fundraising	Valuation
Archetype Ventures	Pre Series A	Non-Disclosure

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