

GMP manufacturing of cells with CellFiber™ Technology (CellFiber Co., Ltd.)



City	Year of Establishment	Founder
Tokyo, Japan	2015	Aki Adachi, Shoji Takeuchi, Teru Okitsu, Hiroaki Onoe

Partner VC	Latest round of Fundraising	Valuation
JAFECO Group Co., Ltd.	Series A	Non-Disclosure

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○ Business Plan

While cell therapy has grown in popularity and effectiveness, the manufacturing process still relies heavily on manual labor.
technology is a technique for encapsulating and culturing cells in hollow hydrogel tubes, which should facilitate large-scale production of cellular products.
Under this project scheme, we aim to implement this technology in GMP environment and confirm effective production of cellular products.

○ Research Outline

We plan to achieve below items by collaborating with business partners in and out of Japan.

1. Develop GMP manufacturing process of CellFiberTM
2. Optimize GMP manufacturing process of Investigational New Drug with CellFiberTM technology
3. Comply with necessary regulations including GMP for drug cellular products.

EA, Single-use Kit and Reagent shall comply with GMP

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Healthcare	PCA FY2023-2025	JPY 394 million	—