

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



City	Year of Establishment	Founder	Website
Tokyo, Japan	2015	Aki Adachi, Shoji Takeuchi, Teru Okitsu, Hiroaki Onoe	<a href="https://cellfiber.jp/">https://cellfiber.jp/</a>

Partner VC	Latest round of Fundraising	Valuation
JAFSCO Group Co., Ltd.	Series A	JPY 2,300 million

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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 CellFiber™
  2. Optimize GMP manufacturing process of Investigational New Drug with CellFiber™ 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	—