

Development of a drug discovery system based on fully chemically synthesized mRNA（Crafton Biotechnology Inc.）



○ Business Plan

Our goal is to develop a world-leading, innovative drug discovery system based on fully chemically synthesized mRNA. By establishing a chemical process-based mRNA drug discovery system and subsequent CDMO business infrastructure, we aim to create mRNA drug candidates with unparalleled performance that surpass conventional methods and deliver them to patients as quickly as possible.

○ Research Outline

Based on our proprietary method of chemically-synthesized mRNA, we aim to enable rapid generation and optimization of lead compounds by establishing a high-throughput synthesis process and multiple assays, thereby improving the overall efficiency of the discovery system.

City	Year of Establishment	Founder
Nagoya City, Aichi Prefecture	2022	Shokaku Kim

Partner VC	Latest round of Fundraising	Valuation
Organization for Creation of MIRAI	Seed	Non-Disclosure

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Healthcare	STS 2024～2025FY	Non-Disclosure	—

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