

Research and development of base manufacturing towards commercialization of oral vaccine/feed additives for swine (KAICO Ltd.)



City	Year of Establishment	Founder	Website
Fukuoka City	2018	Yamato Kenta	http://www.kaicoltd.jp/english-home/

Partner VC	Latest round of Fundraising	Valuation
FFG Venture Business Partners Co., Ltd.	Series A	JPY 2,000 million

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○ Business Plan

Injectable vaccination for disease prevention in swine is one of the heavy labor burdens for pig farmers. To solve this pain, KAICO developed oral vaccines for swines, which can be mixed into pigs' daily feed. This practical usage of the oral vaccine enables the reduction of medical equipment and inoculation costs. In certain developing countries, growth retardation in swine caused by infectious diseases has been a notable issue due to the limited availability of vaccines. KAICO contributes to the better productivity of local farmers in such countries by commercializing the oral vaccine as feed additives and democratizing easier disease prevention for swine.

○ Research Outline

In this research and development, KAICO's objective is to reach the mass production verification phase in FY2025. To accomplish this goal, we will validate quality control measures and determine appropriate dosage and administration before introducing the product to the initial target market, which is Vietnam. In Vietnam, KAICO will assess product specifications to ensure they align with the needs of the market and achieve product-market fit.

[Main objectives]

1. Validate manufacturing procedures and quality system control to ensure compliance with regulations governing veterinary pharmaceuticals.
2. Evaluate sample production to ensure adherence to the established procedures mentioned above.
3. Verify dosage and administration through trial studies involving pigs.

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Food & Agriculture	PCA 2023~2025FY	JPY 172 million	Japan, Vietnam

○ International collaborative technology demonstration

- Relationship development with potential local partner

In collaboration with Sojitz (a Japanese trade company), KAICO has forged a business partnership with a local distributor named GreenVet, specializing in the wholesale distribution of veterinary pharmaceutical products, in our primary target market, Vietnam. GreenVet assumes responsibility for submitting the product application to the Vietnamese relevant authorities. Once product registration is finalized, GreenVet will initiate test marketing activities with local farmers and gather feedback from consumers.