

Creation of Delicious Next-Generation Aquaculture Fish Adapted to Global Warming (SAKANA Dream Inc.)



SAKANA Dream

City	Year of Establishment	Founder
Chiba	2023	Goro Yoshizaki Shunichiro Hosoya Yuho Ishizaki Tetsuro Morita

Partner VC	Latest round of Fundraising	Valuation
Beyond Next Ventures	Seed	Non-Disclosure

Contact Information :
e-mail : info@sakana-dream.com

Website : <https://sakana-dream.com/>

○ Business Plan
Due to the recent global increase in water temperatures, issues such as growth stagnation, decreased survival rates, and increased disease outbreaks among farmed fish during high-temperature periods have become apparent. On the other hand, southern fish species generally have poor fat content and inferior taste. In this proposal, we aim to develop next-generation aquaculture fish that possess both high-temperature tolerance during summer and excellent taste, while also being environmentally friendly, by utilizing the "surrogate broodstock hybridization technology".

○ Research Outline
In this research and development project, we will produce over 20 types of hybrid fish and evaluate their growth, survival rates, fertility, and taste to develop five types of hybrid fish with high suitability for aquaculture. This quantitative goal is set as an achievable figure by leveraging our company's research facilities and technological capabilities. Over the past 60 years, approximately 70 species of fish have been attempted for seed production technology establishment in Japan, with only about 10 species being stably supplied for aquaculture. Our project aims to develop five species of aquaculture fish within two years, and achieving this goal will sufficiently demonstrate the versatility and reproducibility of our company's technology. Additionally, the taste of the newly developed aquaculture fish will be evaluated through sensory tests conducted by potential trading partners in the seafood wholesale industry, restaurants, and consumers, using objective feedback as a basis for assessment.

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Food & Agriculture	STS 2024 - 2025FY	JPY 98 million	—