GC Lipid Tech.
Engineering the future

One-Pager

Clean Technologies

Biotechnology

Synthetic Biology

COMPANY PROFILE
Established: 2021

REVENUES
Pre-revenue

FUNDING
Funding Stage: Pre-Seed

GOALS
- Biomass Production
- Grow Platform
- Pilot Study
- Sales

TEAM
Brandon Jaunky
Co-Founder & CEO

Dr. Dilan Jaunky
Co-Founder & CSO

Sajinth Thampipillai
Research Scientist

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OVERVIEW

GC Lipid Technologies Inc. specializes in creating genetically modified microalgae for sustainable aquafeed. Leveraging its expertise in genetic engineering, the company rationally designs microalgae strains with desirable qualities to supply various industries.

PROBLEM

The problem GCLT aims to solve is that of quality nutrient availability (QNA), which is a measure of the availability and accessibility of high-quality nutrients from natural resources. Such nutrients are often obtained from natural sources but with a growing population and increasing demand for high-quality nutrients it becomes extremely important to develop alternative sources of production. Sustainable high-quality nutrients (SHQN) present itself in the form of microorganisms that can harbor valuable biomolecules, and with enhancements in production can become a dependable source of high-quality nutrients that alleviate the intense pressures seen on compromised natural sources.

An example for the need for SHQN, is the aquafeed sector where ingredients are sourced unsustainably to meet the growing needs of the fish feed market. More precisely, fish meal presents itself as a prominent candidate for replacement in fish feed as it depends on fishing practices that threatens the marine ecosystem. Developing a SHQN has the incredible potential of eliminating the dependance that our food security has on already compromised natural resources.

SOLUTION

GC Lipid Technologies Inc. provides enhanced microalgae strains capable of becoming a sustainable producer of highly sought out biomolecules. These biomolecules obtained from our enhanced strains can be the solution the aquafeed sector needs, while securing the sector's growth over the long-term.