



Research Scientist

Kailua-Kona, HI
Full Time

Symbrosia is a cleantech startup cultivating *Asparagopsis taxiformis*, native Hawaiian red algae, as a livestock feed material. With high potency and wide-spectrum efficacy against rumen methanogenesis, *Asparagopsis* is a promising natural intervention for reducing enteric methane emissions from ruminants by over 90%. State of the art facilities at the Natural Energy Laboratory of Hawai'i Authority (NELHA) are the innovation grounds for Symbrosia's development of cultivation technologies to enable seaweed production at an impactful scale.

The Role

As Research Scientist, you will conduct and lead experiments in a lab environment that will expand Symbrosia's ability to scale its algae culture systems. This position demands operational excellence in addition to the creation of new scientific evidence, all with the freedom to innovate. Symbrosia's team is tight-knit and data forward. This position is full time in Kailua-Kona, Hawai'i. Relocation stipend available.

Responsibilities

- Investigate novel approaches to *A. taxiformis* strain selection and development
- Maintenance of clean cultures
- Actively support the innovation stage-gate process: brainstorming and ideation sessions, concept development, concept screening, feasibility and commercialization
- Continuously search for and vet advanced technologies that complement areas of strategic focus
- Provide written and verbal reports of research activities, literature findings, and statistical data analysis
- Weighing of competitive advantage and cost-efficiency against research aims
- Maintain a safe working environment and provide general laboratory support and maintenance
- Preserve all forms of intellectual and material property, contribute to writing patents and internal protocols

Qualifications

A great Research Scientist will have skills that include:

- Experience in plant, algae, cell, or bacteria culture
- Understanding of how local matrix properties (including pH, DO, nutrient media, co-additives, light, and contaminants) impact the resulting production of algal species
- Programming experience (R or python) and statistical analysis know-how

A great Research Scientist will also be:

- Excited to work on a wide range of problems, and to take on a wide range of responsibilities, learning new information and protocols whenever needed
- Highly intellectually curious and eager to learn from technical experts in the field
- Keen not just to conduct research, but to figure out what research is best suited to achieve Symbrosia's business objectives
- Excellent in analytical, organizational and multitasking skills, as well as the ability to interact and collaborate successfully across company priorities

Level: Academic study in Microbiology, Biology, Chemistry, Agronomy, Marine Science, or relevant discipline in addition to minimum 3-years relevant research experience.

Candidates must be authorized to work in the US. Women and minorities are encouraged to apply. Applications to be reviewed immediately, starting date negotiable.

If you believe you qualify for this position, contact alexia@symbrosia.co with a cover letter and CV. Short-listed candidates will be asked to conduct a skill-based exercise.