



Lab Space Rentals for Algae-Based R&D

Bigelow Laboratory's Center for Algal Innovations (CAI) and National Center for Marine Algae and Microbiota (NCMA) specialize in helping industry partners explore the wide-ranging opportunities that algae present in fueling growth of the natural products sector.

Around the world, as an independent and nonprofit research institute, Bigelow Laboratory investigates the microscopic life that forms the foundation of global ocean health and is essential to the responsible use of our marine and freshwater systems. This microscopic life, specifically microalgae, also has wide application across various markets, including human food ingredients and colors, microbial agriculture, terrestrial and aquatic animal feed, nutraceuticals and pharmaceuticals, cosmetics, and bioremediation.

As an Impact Center at Bigelow Laboratory, CAI conducts its own algae-based applied research and partners with industry to conduct contract R&D – from start-ups to Fortune 500 companies. It also rents some of its facilities to external entities for their independent use.

In particular, CAI makes lab space and systems (depending on user qualifications) available for growing aquatic plants within our 2,000-square-foot greenhouse. CAI separates itself from other innovation labs through its integration with NCMA's world-renowned algae collection (microalgae, macroalgae, cyanobacteria), decades-worth of subject matter expertise, and state-of-the-art infrastructure.

STANDARD GREENHOUSE-SPACE FEATURES

Rents typically range between \$1,750-\$2,500/month, yet depend on feature needs and electricity usage.

- 150 square feet of floor space, offering natural light, partitioned from others
- Water distribution in flow-through mode; fresh water or saltwater
- Water sterilization and aeration
- Electrical (20 amps); no dedicated service @ 210 volts and >20 amps

ADDITIONAL FEE-BASED OFFERINGS

- Cryopreservation of biological material
- Pilot-scale harvesting and drying of algal biomass
- Microalgae, macroalgae, and cyanobacteria cultures

Please contact us to learn more:

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