

Accelerate your Growth with our Plant-based API Platform

At Algae-C we provide integrated R&D services to develop and design existing and novel molecules, helping you reduce costs, complexity, logistical hurdles and environmental impact.

We create designer microalgae that produce ingredients for the pharmaceutical and nutraceutical industries. Founded in 2015, we are one of the largest algae biosynthetic companies in North America with a multidisciplinary team of scientists ready to support you.

Why work with us?

Shorten your
Time to Market



We simplify API manufacturing by using a single step biosynthetic process

Increase your
Profitability



We reduce costs by up to 66% given minimum input requirements for algae cultivation

Minimize Supply
Chain Risk



We streamline logistics by reducing shipping time by 75% and shipping distance by 85%

Exceed Your
CSR Targets



We have 90% lower environmental footprint with zero waste and are carbon negative

Our Experienced Technology and Operations Team is Ready to Partner

Proven Microalgae Technology

Microalgae are single-celled phototrophic and heterotrophic organisms that are more closely related to plants than bacteria and yeast. As a result of their evolutionary similarities with plants, microalgae are an exceptional host cell for producing pharmaceutical ingredients (APIs) and other plant-based molecules.

Products

Bioactive Compounds
Vaccines (VLP)
Proteins
Enzymes
Fatty Acids
Structural Polymers
Secondary Metabolites

Experts in Algae-based APIs

Our leadership team has 35 years of experience working with pharma and 15 years in applied algal research. Our R&D team of 32 (16 PhDs) has deep expertise in:

- Genomics and systems biology
- Genetics
- Algal cultivation
- Plant physiology & biochemistry
- Phytopathology
- Biochemistry
- Microbiology
- Synthetic biology
- Molecular and cell biology
- Computational biology
- Metabolic biochemistry and engineering
- Algae biotechnology