



Diversified Technologies, Inc. Seeks Technology Partners for Algae Extraction

Diversified Technologies, Inc. is seeking commercial partners for algal extraction and predator control using PEF which is a non-chemical, low energy and GRAS (generally recognized as safe) way to kill predators without harming algae.

BEDFORD, Mass. ([PRWEB](#)) March 21, 2018 -- [Diversified Technologies, Inc.](#) (DTI) has received a Phase II SBIR for the USDA NFIA to use PEF (pulsed electric field) processing for algal extraction and predator control. Working with the Arizona Center for Algae Technology and Innovation (AzCATI), DTI has installed a PEF Laboratory System on Arizona State University's Polytechnic campus to facilitate process development and trials for companies and institutions involved with algal and predator control applications.

Diversified Technologies, Inc. (DTI) is seeking commercial partners for [algal extraction and predator control using PEF](#) which is a non-chemical, low energy and GRAS (generally recognized as safe) way to kill predators without harming algae. Trials can be run at AzCATI for potential partners growing or using algae as nutritionals and lipids. The primary benefit of PEF is lysing cells to eliminate the need for drying prior to extraction.

According to Michael Kempkes, VP of Marketing, "the low energy PEF process of lysing algae cells streamlines the extraction of oils from algal cells early in the bio-refining process and allows for production scalability." The PEF process has been in commercial use in food disinfection for years.

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