

contract services | industrial biotechnology
environmental biotechnology | biofuels



working together to meet your objectives

Thermophiles produce a wide array of enzymes and metabolic products that have numerous applications for chemical feedstocks, biofuels, biomass hydrolysis, enzyme technology and biocatalysis. In addition, thermophiles are robust, work faster than conventional microorganisms and tolerate harsh industrial process environments.

GBL's HI-TEMP™ platform supports the next generation of novel and sustainable products and processes for industrial biotechnology. We are looking for development partners to exploit this unique resource.

www.greenbiologics.com



Founded in 2003, GBL is an industrial biotechnology company based in Oxfordshire aiming to become the world's leading supplier of advanced fermentation technologies for conversion of lignocellulosic plant material to renewable biochemicals and biofuels.

Our HI-TEMP™ platform is based on a unique and proprietary collection of heat loving microorganisms (thermophiles) and thermostable enzymes. Novel strains have been genetically and physiologically characterised and strain details are deposited into a proprietary database with a web based interface and search features.

GBL has considerable expertise in molecular biology, microbial physiology and fermentation of industrial microorganisms. With well equipped lab facilities on Milton Park and a track record in contract research, GBL provide a cost effective and flexible solution for biotech companies wishing to:

- Improve microbial product yield
- Improve growth characteristics
- Isolate and characterise novel microbial strains
- Scale-up from shake flask
- Fermentation process intensification

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