

Microbiosci Develops Integrated Fermentation Processes and Manufacturing Capabilities to Support Clinical Supply

New York City, New York May 8, 2023 ([IssueWire.com](https://www.issuewire.com)) - Microbiosci, the microbiology platform of Creative Biogene, is a leading custom service provider in delivering microbiology solutions to clinical, pharmaceutical and veterinary by infection detection, prevention and novel pharmaceutical protein production. Microbiosci is also professional in food, cosmetic microbial detection, identification and toxins detection with a wide range of high-quality products and services in microbial genome editing. Recently, Microbiosci announced the release of its recombinant pharmaceutical protein production services to support performing [microbial fermentation](#) at different scales.

Advances in recombinant DNA technology and gene editing systems have made it possible to engineer improved strains of microorganisms by adding or deleting certain genes. Improving microbial strains for the overproduction of industrial products has been the hallmark of all commercial and industrial fermentation processes. Creative Biogene utilizes a variety of microorganisms to produce recombinant proteins for clinical and commercial use with a comprehensive fermentation facility.

As a biotechnology CDMO in the field of microbial fermentation, Creative Biogene has fermentation capabilities, technologies and integrated fermentation process development and manufacturing capabilities that can perform microbial fermentation at different scales. Creative Biogene's team is led by a group of scientists with decades of experience in recombinant expression and related process development, from the experimental expression of target proteins to large-scale production of antibodies and enzymes. Creative Biogene continues to assist customers in scientific research institutes and pharmaceutical companies to provide optimized expression strains for rapid and high-yield production of recombinant proteins, such as growth factors, immune checkpoints, cytokines, chemokines, hormones, etc.

Microbiosci's recombinant DNA technology has rapidly become an option for the production of commodity chemicals or enzymes. A growing number of expression systems are available, such as *E. coli*, bacilli (e.g. *Bacillus subtilis*), lactic acid bacteria (e.g. *Lactobacillus lactis*), filamentous fungi (e.g. *Aspergillus*), and yeasts (e.g. *Pichia*).

"Our fermentation facilities are fully equipped and comply with current Good Manufacturing Practices. We can provide you with efficient solutions for large-scale recombinant protein production." said Marica Brady, the marketing director of Creative Biogene, she also added, "We provide a "one-stop shop" tailored to your research needs, ranging from codon optimization to gene synthesis, clone selection and purification, which is fully customizable and flexible to suit the way you run your projects."

About Microbiosci

Microbiosci, as the division of Creative Biogene, is always dedicated to satisfying the needs of clients covering more than 50 countries and districts. As a leading custom service provider in delivering medicine microbiology solutions, Microbiosci has become a well-recognized industry leader with years of experience and professional scientists.

Media Contact

Creative Biogene

contact@creative-biogene.com

6313868241

Shirley, NY 11967, USA

Source : Creative Biogene

[See on IssueWire](#)