

Microbiosci Designs Pseudomonas Fluorescens Fermentation to Support Clinical Research for Several Disease Disorders

Microbiosci announced the release of its pseudomonas fluorescens fermentation to support clinical research for several disease disorders.

New York City, New York Dec 30, 2022 ([Issuewire.com](https://www.issuewire.com)) - Microbiosci, the division of Creative Biogene, is fully engaged in developing unique technologies that provide global scientists with high-quality products and satisfactory services in microbial genome editing, identification, and sequencing. With years of experience, Creative Biogene is dedicated to delivering medicine microbiology solutions to clinical, pharmaceutical, and veterinary through infection detection, prevention, and novel pharmaceutical protein production. Recently, Microbiosci announced the release of its [pseudomonas fluorescens fermentation](#) to support clinical research for several disease disorders.

Fermentation is generally thought of as the metabolic process by which microorganisms convert sugars into desired products. Apart from these metabolites, live microorganisms are also attracting interest and occupying a significant position in the global market. Creative Biogene has extensive and in-depth experience in the manufacture of microbial biomass and offers specialized services for in-house or cooperative microbial fermentation of live microorganisms. Optimal conditions are used for large-scale production of biocontrol agents (BCAs) as part of fermentation process development. Pilot process development begins with finding a low-cost production medium and determining whether live cells produced using this medium in a pilot fermenter are antagonistically comparable to those produced in laboratory medium in petri dishes or shake flask cells as well. This allows continued development of liquid fermentation and scale-up of production.

Creative Biogene is able to detect the possible inhibitory effect of Pseudomonas fluorescens on pathogens, using the characterization of antifungal metabolites produced by Pseudomonas fluorescens, in addition, Creative Biogene can produce improved biomass in submerged fermentation and provide biocontrol inoculant formulations.

Creative Biogene has extensive and in-depth experience in the manufacture of microbial biomass and offers specialized services for in-house or cooperative microbial fermentation of live microorganisms. Fermentation end products range from proteins and enzymes to biofertilizers and biopesticides. Creative Biogene's specialized laboratories can also provide analytical support for the quality control of raw materials and final products.

"We have many years of experience in the field of microbial fermentation, and meet customer needs through a complete service product line from strain development to large-scale production." said Marcia Brady, the marketing director of Creative Biogene, she also added, "Our microbial fermentation services are based on bacteria, fungi, and yeast, from strain selection, optimization and process development to scale-up and cGMP production."

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.

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Source : Creative Biogene

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