

Creative Biogene Launches Leading Innovative Solutions for cGMP Cell Line Production Process

New York City, New York Jun 6, 2023 ([IssueWire.com](https://www.issuewire.com)) - Creative Biogene, one of the leading biotechnology products and services providers, is dedicated to providing clients with professional support for biological research. The life science experts together with an outstanding collection of state-of-the-art laboratory equipment and technology enable the team to fulfill clients' needs at the highest quality standards and maximum efficiency. Recently, Creative Biogene announced the release of its innovative solutions that can be applied to [cGMP cell line production](#) process.

Creative Biogene has extensive expertise and capabilities in the development and optimization of cell culture-based processes with the ability to scale up manufacturing. Creative Biogene's solutions support cGMP manufacturing of clinical and commercial products, with extensive experience in different suspension cultures as well as adherent cultures for gene therapy.

Creative Biogene is a leading CDMO in the production of insect cell-based biologics and is the licensed manufacturer of commercially approved baculovirus-expressed products. Strong understanding of the challenges and expertise that make insect cell programs successful, not only in development, but all the way to scale-up and full cGMP production. Creative Biogene's services include large-scale insect cell/baculovirus expression of vaccine products and VLPs, performing validation activities, and supporting BLA and commercial production.

Screening and characterization of cell lines involves several steps in the GMP cell line development and production process, including initial clone selection, post-transfection selection, and monoclonal selection. It is critical to screen large numbers of clones as quickly as possible to select valuable clones for further analysis. Creative Biogene uses high-throughput analytical and screening technologies to precisely and efficiently discover and characterize target cells to facilitate the generation of fully characterized, documented homogenous cell banks for subsequent GMP cell line production. In addition, selected cells are subjected to rigorous and meticulous testing to ensure their genetic stability and to ensure that they are free of any pathogens and other unknown factors.

In the large-scale production of cell lines, clone selection and cell culture, which are at the heart of the upstream process, require significant effort. Creative Biogene provides process development for different culture formats during cell line project development and production, including traditional batch replenishment, continuous or enhanced upstream processes, process characterization and process validation at all stages of cell line production. Creative Biogene is committed to using high-throughput, standardized, automated cell culture and process optimization to help accelerate cell line development while achieving more accurate results.

"Our robust manufacturing capabilities and access to cGMP-compliant technology platforms can accelerate your cell line development and transition smoothly to scaled-up commercial production." said Marcia Brady, the marketing director of Creative Biogene, she also added, "we can use the resulting high-quality cell banks for transfer to a CDMO of the customer's choice for further process development, optimization, and high level GMP production."

About Creative Biogene

Creative Biogene is a top-of-its-kind company that holds a leading position and is committed to

accelerating the development of human science through biotechnology, offering innovative technologies, products, unique tools and services for research discoveries and product development. With more than 10 years of experience and in-house experts, Creative Biogene has become a well-recognized industry leader to support researchers worldwide.

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