

Fuelled by Contract Fermentation, Pharmaceutical Industries Unlock More Possibilities

New York City, New York Jul 27, 2022 ([Issuewire.com](https://www.issuewire.com)) - *With the end goal of manufacturing a variety of chemicals, and small and large molecules for clinical & commercial supply, BOC Sciences has built comprehensive platforms and GMP-complied quality systems for contract fermentation over the last 20 years.*

BOC Sciences, the biotech CDMO, has been serving global customers with considerate [fermentation development](#) support. A large number of biological molecules and product categories such as cytotoxic and sterile products are available thanks to its advanced fermentation skills, which largely contribute to the pharmaceutical industry.

Microbial fermentation displays assorted advantages, embracing faster development, higher yields and quality, reduced variation among batches, better scalability, and lower production cost. To achieve even higher cost-efficiency, BOC Sciences employs various steps and copious technologies that optimize fermentation processes.

What can BOC Sciences accomplish?

- [Large-scale fermentation](#) capability over 100,000 liters guarantees the volume production for bulk orders. The downstream process will be provided by plants in China, encompassing microfiltration, centrifugation, liquid/liquid extraction, ultrafiltration, evaporation, and packaging. Plus, there are globally distributed offices driving the manufacturing and delivery process. Currently, BOC Sciences is trying its utmost to save turnaround time for clients under the pressure of COVID-19.
- With regard to quality assurance, BOC Sciences develops a long list of analytical techniques so as to conform to [microbial GMP production](#). It's no exaggeration that testing can be designed and executed for both raw materials and final products and all staff are trained to be eligible to implement different techniques. Specifically, its fermentation CDMO services cover analysis method development and validation, stability study, structure confirmation, impurity preparation and characterization, reference-standard material preparation and characterization, physical and chemical property characterization, cleaning verification, and other modules.
- Beyond the professional technical abilities, BOC Sciences is also a qualified partner with prompt and thoughtful customer service. It has a full-service package for customers' extensive applications and flexible production options for diverse project needs. Above all, BOC Sciences has a sense of social responsibility that it invests much in environmental protection measures and skills.

The production of bulk chemicals, pharmaceuticals, biofuels, *etc.* via microbial fermentation processes is a relatively new and challenging field for CDMOs. Nevertheless, thanks to the continuous innovations combined with a strict quality control system, BOC Sciences has overcome some major difficulties and can fuel the pharmaceutical industry with multiple fermentation products.

To access more information about BOC Sciences' fermentation CDMO services, please visit <https://bio-fermen.bocsci.com/>.

About

BOC Sciences is a leading biotech company that specializes in fermentation development. It has a complete set of workflows spanning from strain development, and fermentation optimization, to final analysis, which guarantees the production of qualified APIs, metabolites, and other crucial materials for the pharmaceutical industry.

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