

We Care about Microbial Cell Banking

Scope and Scale

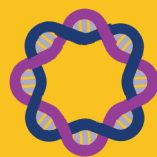
- Cell types include *E. Coli* and yeast
- GMP-compliant Cell Banking Lab
 - GMP Quality Management System and ICH Q5 series (Parts A, B and D)
 - EU GMP Grade A, C, and D Suites
- Up to 1,000 vials of MCBs via automated filling system
- Two 6-foot vertical flow cabinets and shaker incubators for efficient scale up
- Secure storage in a controlled-access area
 - Storage at -80 °C or in vapor-phase liquid nitrogen
- Comprehensive quality control

As the demand for biologics continues to grow, establishing a reliable, scalable, and compliant cell bank is a critical step in biologics production. Cell banking enables a qualified starting source for each manufactured batch of fermented product.

At BIOVECTRA, we specialize in the development of GMP-quality Master Cell Banks (MCBs) that ensure the reproducibility and stability of your therapeutic products.

Our cell banking is designed to meet the demand for high-quality, fully characterized MCBs. We offer a seamless process starting with the generation and quality testing of microbial research cell banks (RCBs). These RCBs are quality tested prior to expansion to MCBs and subsequently working cell banks (WCBs), which are ultimately cryopreserved for long-term storage.

With our industry-leading capabilities and strict quality controls, we provide a trusted, scalable solution to meet your cell banking needs and support the successful commercialization of your biologics.



Comprehensive Cell Banking Support

Flexible Starts

Begin with a highly characterized microbial research cell bank, provided by you or generated on-site in our Process Development lab, so the resulting bank matches your process and regulatory plans.

Controlled Expansion & Cryopreservation

We scale cultures using two 6-ft vertical flow cabinets and shaker incubation under defined parameters, then add cryoprotectant and dispense uniformly into cryovials to promote consistency and viability upon thaw.

Quarantine, Testing & Release

Finished banks move through a pass-through into -80 °C quarantine. Quality testing is performed per agreed requirements; upon release, banks can be shipped back to you or seamlessly handed off to BIOVECTRA Manufacturing for downstream material production.

Secure Long-Term & Secondary Storage

Protect program continuity with long-term storage and optional secondary (geographically distinct) backup in North America – even for banks produced elsewhere. We support receipt, inventorying, and controlled retrieval/shipping to your chosen facility, maintaining traceability throughout.

Capacity & Scale-Up

Our automated filling process allows us to efficiently produce up to 1,000 vials of cell banks, ensuring consistency and scalability for your therapeutic programs.



WE CARE ABOUT

RELIABILITY

CONSISTENCY

EFFICIENCY

Our Team Cares About Your Success

"At BIOVECTRA, we take great care in ensuring that our clients' cell banking needs are met with precision and reliability. From generating research cell banks to scaling up for production, we are constantly looking for ways to improve and streamline processes. Our goal is to provide tailored solutions that help our clients confidently move forward in their biologics development."

Normand Blais

Chief Science Officer, BIOVECTRA