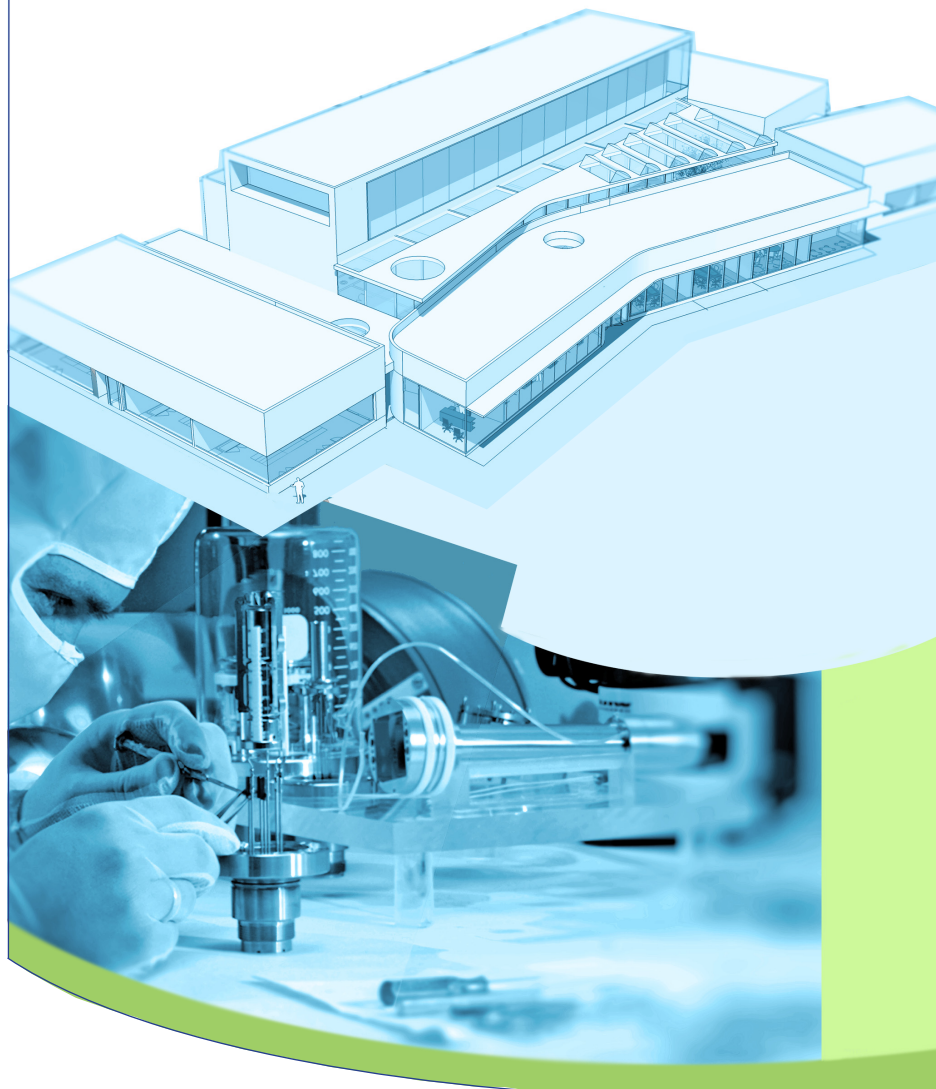


BIO MANUFACTURING Scales-Up in SouthCoast Life Science & Technology Park at Fall River



The University of Massachusetts Dartmouth pilot biomanufacturing center (BMC) provides companies with key capabilities for testing their biomanufacturing processes at scale, training their current and future workforce and providing a unique research facility at “production scale.”

The core facility will include two large-scale suites, two purification suites, a quality control lab, education classrooms, laboratory space, a small research incubator laboratory and office space for client companies.

The facility will serve client companies with traditional biologic therapeutic products, new types of products using stem cells and tissue engineering, as well as biomaterials, biofuels and green chemistry products.



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14,000 sq. ft. of GMP-like manufacturing area including:

- Mammalian cell culture and purification capability up to 300L scale.
- Microbial fermentation and purification capability up to 300L scale.
- Both stainless steel and single use cell culture fermenters.
- Flexible services including QA/environmental monitoring, full utilities (RO/DI water, clean steam, gases, waste stream management, data collection), media and column prep, and secure access.
- Quarantine & release storage areas.

The BMC collaborates with companies to accelerate success

At the BMC, company personnel can work alongside BMC staff to access GMP-like space, equipment and expertise to cost-effectively scale-up their manufacturing and demonstrate their technology.

The BMC enables companies to:

- Confirm bench-scale manufacturing processes at pilot production scale (Proof of Process).
- Perform process bridging studies in support of FDA equivalency filings.
- Demonstrate new biomanufacturing technologies, processes and research findings at scale.
- Produce bulk pre-clinical, animal testing and research use only product.

