Avid bioservices®
Your Partner From Concept to Commercial

CONCEPT TO COMMERCIAL

- Services to meet every phase of development:
- Cell line optimization
- Innovative process development
- Full product characterization
- Clinical & Commercial cGMP manufacturing
- Multiple stainless steel & single-use bioreactors
- Regulatory strategy & support
- Process validation

MORE THAN A CDMO

- Experts in guiding products from early development to launch
- Manufacturing of clinical & commercial products
- High quality biopharmaceutical products
- Flexible scales & technologies
- Adaptable programs to meet goals & timelines

PROVEN SUCCESS

- Strong global regulatory inspection track record
- Multiple early clinical phase programs
- Commercial supplier for marketed drugs since 2004
- Leader in implementing single-use production technologies
- Management team experienced in development, product approvals & commercialization

THE AVID ADVANTAGE

Avid Bioservices has the experience and track record to help advance your program through all stages of development, from concept to commercialization. Whether you have an existing process, one that requires optimization, or have yet to establish a process for your molecule – Avid has the knowledge and expertise to give your project the greatest potential for success.

Avid's Orange County – based facility has been producing monoclonal antibodies and recombinant proteins for clinical use since 1993 and commercial products since 2004. Avid has been inspected and approved by the U.S FDA, health Canada, ANVISA and EMEA authorities.

EXCELLENCE IN PROCESS SCIENCE

Early Development

- Cell line development
- Early development to support preclinical studies
- Preclinical material production

Early Clinical & Preclinical

- Upstream & downstream development, optimization, process scale up
- Analytical methods development & qualification
- Manufacturing support

Late Clinical & Commercial

- Upstream & downstream process characterization
- Analytical Methods validation
- Protein characterization
- Manufacturing support

- Multiple CHO cell lines developed to produce clinical monoclonal antibodies
- CHO cell culture optimization of a phase II clinical project resulting in 5x increase in yield at the 1,000L scale with a comparable product
- Quality by design (QbD) studies to identify critical process parameters to create a robust process with consistent critical product quality attributes (CQAs)
- Comparability studies: early-stage, low yield, stainless steel clinical process taken to a high-yield, fully disposable, process (including regulatory and characterization studies)

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LEADERSHIP TEAM

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Paul Lytle
Chief Financial Officer

Stephen Worsley
VP, Business Development

Mark Ziebell, Esq.
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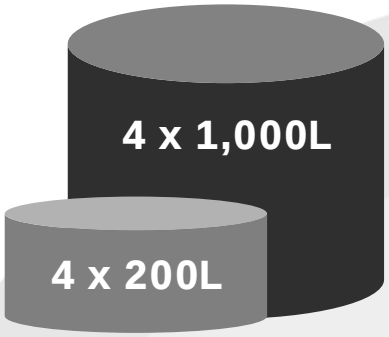
FLEXIBLE MANUFACTURING SOLUTIONS

- Both stainless steel and single-use bioreactors
- Flexible manufacturing scales provide multiple solutions for all project types
- Disposable components in both upstream and downstream processes
- Proven cGMP facility with expanding capacity

BIOREACTOR CAPACITY

Stainless Steel



Single-Use

NEW "MYFORD" EXPANSION TO HELP MEET THE GROWING NEEDS OF OUR CLIENTS

STATE-OF-THE-ART FACILITY

- Innovative & flexible modular clean room design
- Utilizing the latest single-use technologies
- Designed for late-stage clinical & commercial production
- Uni-directional process flows for personnel & materials

EXPANDED CAPACITY TO MEET DEMAND

- More than doubles current cGMP capacity
- Built to accommodate 2,000L bioreactors
- Innovative & flexible single-use technologies

FLEXIBLE & EFFICIENT

- Multiple single-use bioreactors
- Downstream processing suites & dedicated support facilities allow for production of a variety of biological products