Integrated solutions. Proven results.

Accelerate Your Biologics Program with OPM's CDMO Services

OPM Biosciences has been delivering CDMO services since 2018, expanding our integrated portfolio that includes custom media development and off-the-shelf cell culture media (CCM).

With GMP-compliant facilities and deep scientific expertise, we offer reliable, high-quality solutions to support every stage of biologics development.

Why OPM?

- **Proven track record:** Managed 300+ projects, including 20+ CMC projects
- **Specialized expertise:** Managed custom media (90+ projects) and cell line development (120+ projects)
- **Regulatory compliance:** GMP-compliant with FDA/EMA/NMPA standards; supports IND/BLA submissions

CDMO Facilities at a Glance

CDMO Facility 1
- 43,000+ ft^2
- GMP compliant
- Capacity:
  - 200 L/500 L x 2 SUBs

CDMO Facility 2
- 64,500+ ft^2
- GMP compliant
- Capacity:
  - 200 L/500 L x 2 SUBs
  - 2000 L x 2 SUBs

Available Biologics CDMO Services

Discovery → Cell Line Development → Media Dev Process Dev Scale Up → IND Filing → Phase I & II → Phase III → BLA Filing → Commercial

- Transient Transfection, Antibody Humanization
- Cell Culture Media Development
- Large-scale cell culture media GMP mfg
- Cell line, process, and formulation development
- GMP manufacturing & scale-up validation
- Analytical Method Development, Product Characterization, Stability Studies

Services		Description
Antibody Discovery	Antibody Humanization	Antibody humanization from murine antibodies via gene engineering
	Transient Transfection	Support expressing mAbs, BsAbs, MsAbs, enzymes, antigens, recombinant proteins, and vaccines
Pre-druggability Evaluation / Preformulation Assessment		Provide phase-appropriate pre-druggability and preformulation screening to de-risk sequence/manufacturability and select stable starter formulations (buffer/pH/excipients, high-conc/viscosity, container/handling) for antibodies/biotherapeutics
Stable Cell Line Development		Establish stable CHO cell lines for a variety of macromolecular drugs, such as mAbs, BsAbs, tri-specific antibodies, fusion proteins, vaccines, enzymes, etc.
Cell Banking		Establish MCB/WCB under full GMP guidance
Upstream Process Development		Development and optimization of cell culture process
Downstream Process Development		Development and optimization of protein purification process
Formulation Development		Development and optimization of formulation process
Manufacturing		Preclinical, clinical Phase I/II/III and commercial manufacturing of drug substance (DS) or drug product (DP) under GMP guidance
IND Application		Support IND application and provide CTD material drafting service
Quality Control & Product Characterization		One-stop macromolecule analyses from drug discovery to commercial manufacturing, including physical, chemical, cell activity, and binding analysis. Product characterization services include identification, purity, primary/advanced structure characterization, impurities, excipient, and more.

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