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MADE WITH

PROCESS & PURPOSE

Find out why biopharmaceutical companies are turning to Thermo Fisher Scientific to take their complex large molecules from early development to commercialization.

Patheon

**fisher clinical
services**

Where your most complex molecules meet speed, quality, flexibility and scale.

The challenges, risks and costs of bringing complex large molecule products to market are growing exponentially. Gaining a competitive advantage is more difficult. Drawing on 20 years of biologic experience, Thermo Fisher Scientific offers you flexible, end-to-end solutions and expertise in development and manufacturing combined with advanced technical capabilities.

Technical capabilities at a glance.

Our breadth and depth of capabilities are designed to ensure the highest quality development and manufacturing of even the most complex recombinant proteins and monoclonal antibodies. These capabilities include:

- Full Process Development Capabilities for mAb and non-mAb products
- Bioprocessing capability at scales up to 2000L, across multiple single-use technologies
- Proven, reliable cGMP manufacturing
- Time and cost-saving technologies, including XD™ high density cell culture
- CHO, myeloma and hybridoma commercial cell lines
- Fed batch, perfusion and chromatography processes
- Reliable, routine commercial drug substance supply

With an integrated network of sites offering a range of upstream and downstream capabilities, we can ensure your project is assigned to experienced project managers and cross functional technical teams with the skills and experience needed to keep your project on the path to success. And when your program is ready for commercialization, our global network gives you access to end-to-end specialized drug substance and drug product technologies through a single CDMO.

**Analytical
Development**

**USP & DSP
Development**

**Clinical Supply
Phase I-III**

**Commercial
Supply**

**Regulatory
Support**

Flexible Biomanufacturing Solutions designed around your needs.

A range of versatile solutions to overcome capacity restraints while meeting the highest quality and regulatory standards.

Fed Batch Processing

Achieve stable reliable production at titers >5 g/L.

Perfusion Processing

Achieve a higher volume of product at any given reactor size.

Single-Use Technology

Realize more efficient tech transfer and eliminate cross contamination with exceptional single-use technology.

Integrated Drug Substance and Drug Product Services

Simplify your supply chain with Patheon OneSource™ and enhance quality control by eliminating hand-off issues.

Global Network

Manufacturing locations in US, EU and Australia. Take advantage of simplified logistics and R&D tax advantages¹.

1: Tax advantages available in Australia. Ask your Business Development Executive representative for details.

From traditional capacity to customizable manufacturing modules.

Dedicated Capacity

Allocate capacity for each of your products and transfer capacity in and out of the line without additional fees.

Fractional Ownership

Sharing a line or facility lowers cost while allowing you to achieve flexibility and scalability.

Flexible Network Access

Get anytime access to a specific type of capacity within our global network.

Condominium Capacity

A fully customized solution that includes everything from design services to operation management.

Enterprise

For clients who own facilities, Thermo Fisher offers operational improvements and repurposing of existing equipment.

Reduce the risks. Realize the rewards.

A depth and breadth of capabilities. Unparalleled flexible solutions. A dedication to quality. Professionals who understand your needs. Contact us to find out how Thermo Fisher Scientific can build a customized approach to take your complex large molecules from early development to commercialization.