

# SCIENTIFIC INNOVATION AND INVESTMENTS

Simplifying and accelerating your journey to market by providing the end-to-end solution you need

A global site network and workforce dedicated to you from molecule to medicine:

65+

sites across 5 continents

3,500+

scientists and technicians with deep technical expertise

Digital investments that offer you real-time data and a streamlined experience:

- Quantum Quality systems
- Virtual and augmented reality capabilities
- Electronic labeling
- Direct-to-Patient services
- mysupply Platform
- Smart packaging
- Enhanced Global Gateway
- Business Integration Platform (BIP)
- Pharma 4.0

Intense focus on expanding capacity for advanced cell and gene therapy solutions:

- Plasmid DNA services
- Cell therapy manufacturing
- Viral vector services
- mRNA services
- Clinical supply services

Commitment to investments in high-growth biologics and sterile segments:

- Increasing our global sterile development and commercial lines from **20 to 38 lines** by 2024
- Expanding biologic drug substance capabilities in Hangzhou, China and St. Louis, Missouri, USA
- Adding large volume stainless steel capabilities in Lengnau, Switzerland

Access to innovative and integrated solutions to accelerate development:

**Quick to Clinic™** for biologics

Transfection to IND in as little as **13 months**

**Quick to Clinic™** for small molecules

Accelerate API development in as little as **14 weeks**

**Quick to Care™**

Save an **average of 14 weeks** and **\$44 million** during drug development

Katie Shannon  
Senior Director of Engineering,  
Viral Vector Services  
Cambridge, MA



**SOLVED  
WITH**

INVESTMENTS & INNOVATION

“Thermo Fisher was great in providing **accelerated timelines** and was able to react very quickly with several uncertainties that we had with the project.”

*Multinational Pharmaceutical Company,  
Tokyo, Japan*

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