

CDMO + CRO integration: Transforming the pharmaceutical value chain for emerging biotechs and large pharma

Integrating research and manufacturing processes enhances efficiency and accelerates time to market



Research



Development



Manufacturing



The role of a CRO?

A contract research organization (CRO) supports the clinical trial process for biotech and pharmaceutical drug development by providing a wide range of services, including trial planning and delivery, regulatory, and consulting.



The role of a CDMO

A contract development and manufacturing organization (CDMO) provides biotechnology and pharmaceutical companies with comprehensive services from the early stages of research and development, through clinical trials, and to the commercialization of the final product for patients.



The integration advantage

Integrating CRO and CDMO services supports speed, simplicity, and scalability by coordinating research and manufacturing activities across all stages of drug development, ensuring efficient and expandable pathways from concept to market.



Differentiation through integration

Accelerating innovation

Integrated timelines, joint project management, and streamlined information sharing

Expedited communication within the integrated structure

Proactive risk mitigation and swift adaptation of strategies

Faster decision making enabled by visibility of key project milestones

Speed

Simplicity

Simplifying the complex journey

Centralized coordination across programs

Reduction of multiple vendor handoffs

Personalized planning and transparency across supply chains

Joint contracts across development, manufacturing, clinical supply, and clinical research services

Scalability

Adapting to evolving needs

Global networks with regional expertise for scale-up across geographies

Seamless scale-up across all phases of clinical trials through to commercialization

Thermo Fisher Scientific, a global, full-service CDMO and CRO partner, helps accelerate innovative small molecule, large molecule and advanced therapies to patients every day.

65+ sponsors currently partner with Thermo Fisher Scientific for end-to-end support across the drug development continuum.

[Contact us](#) to learn how our integrated CRO + CDMO services can help accelerate your development journey.