WuXi AppTec's CRDMO Model: Linking Research, Development, and Manufacturing Across the Drug Development Lifecycle

Shanghai, China May 18, 2026 (Issuewire.com**)** - In today's life sciences industry, moving a drug candidate from discovery to patient access remains a long, complex, and resource-intensive process. Research, development, and manufacturing are often handled across separate stages, teams, and service providers, which can make coordination more difficult and slow overall progress. WuXi AppTec addresses these challenges through its CRDMO model, which brings research, development, and manufacturing together within one operating framework. The model supports customers ranging from biotech startups to global pharmaceutical companies and is designed to help reduce barriers that can delay the advancement of new medicines.

CRDMO Model Covers Across the Drug Development Lifecycle

WuXi AppTec's CRDMO model combines research, development, and manufacturing within a single end-to-end framework. Instead of dividing these activities across separate service arrangements, the model supports the full lifecycle of a drug candidate, from early discovery through preclinical development, testing, and commercial manufacturing. Keeping these stages within one broader system can reduce the disruptions that often arise when projects move between multiple external providers.

WuXi AppTec's CRDMO model also supports closer alignment between scientific work and operational execution. Progress made in one phase can carry more directly into the next, helping teams move molecules toward milestones such as IND submission with greater continuity. This model is especially relevant for increasingly complex therapeutics, including small molecules, peptides, and oligonucleotides, where coordination across functions and stages can influence how effectively a program advances.

How WuXi AppTec's CRDMO Model Reshapes the Traditional CRO, CDMO, and CMO Approach

Traditional CRO, CDMO, and CMO models usually focus on different segments of the drug development process. While each plays a role, dividing work across separate providers can create breaks between stages. Those breaks may lead to delays, higher costs, and challenges related to knowledge transfer or process consistency.

WuXi AppTec's CRDMO model is structured to reduce that stop-and-start pattern. By bringing research, development, and manufacturing into one coordinated setup, the CRDMO model allows programs to move forward through a more continuous process. This approach is supported by collaboration across WuXi Chemistry, WuXi Biology, and WuXi Testing, which work in a relay-like manner. In this structure, insights from early research can help inform downstream development work and CMC planning earlier in the process. As a result, the CRDMO model supports quality, lowers risk, and improves alignment around technology and capacity needs as programs progress.

What WuXi AppTec's CRDMO Model Can Offer Biotech and Pharmaceutical Companies

For biotech and pharmaceutical sponsors, WuXi AppTec's CRDMO model addresses several familiar challenges in drug development, including long timelines, high costs, and low R&D success rates. Working within one integrated service model can simplify execution by reducing the need to coordinate multiple vendors across separate stages.

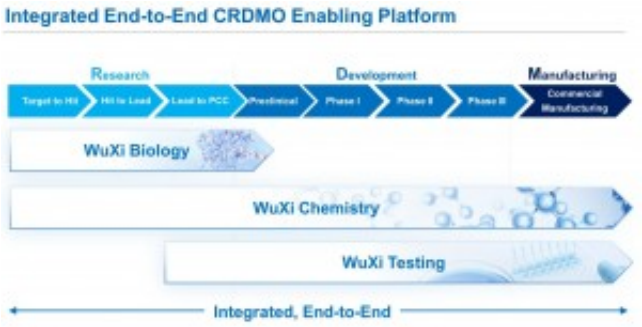
A more consolidated development path can support several practical benefits:

- faster progression from discovery to clinical and commercial stages
- lower operational complexity through fewer provider transitions
- earlier alignment between development planning and manufacturing strategy
- better visibility into timelines, risks, and resource requirements
- greater freedom for internal teams to focus on strategy and innovation rather than vendor coordination

WuXi AppTec's CRDMO model is relevant to different types of drug developers. Biotech startups and academic spin-offs often operate with limited infrastructure and internal resources, and the CRDMO model can provide access to integrated expertise, advanced technologies, and GMP-scale manufacturing without requiring those capabilities to be built internally. Larger pharmaceutical companies can also benefit from improved efficiency, cost optimization, and faster pipeline advancement. Across these settings, the CRDMO model supports a more manageable route through development, with the potential to improve affordability, increase the likelihood of success, and support faster patient access to new medicines.

What to Know About WuXi AppTec's CRDMO Model

- The CRDMO model brings research, development, and manufacturing together across the drug development lifecycle.
- Reducing transitions between separate providers can help limit disruption as programs move from one stage to the next.
- A more continuous development path can support stronger consistency from discovery through manufacturing.
- WuXi Chemistry, WuXi Biology, and WuXi Testing work together within this model to support project progression and earlier downstream planning.
- The approach is relevant to biotech startups, academic spin-offs, and pharmaceutical companies looking for a more integrated way to move drug programs forward.



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