



MADISON, WI

Your Strategic Partner for Biologics Development & Commercial Manufacturing

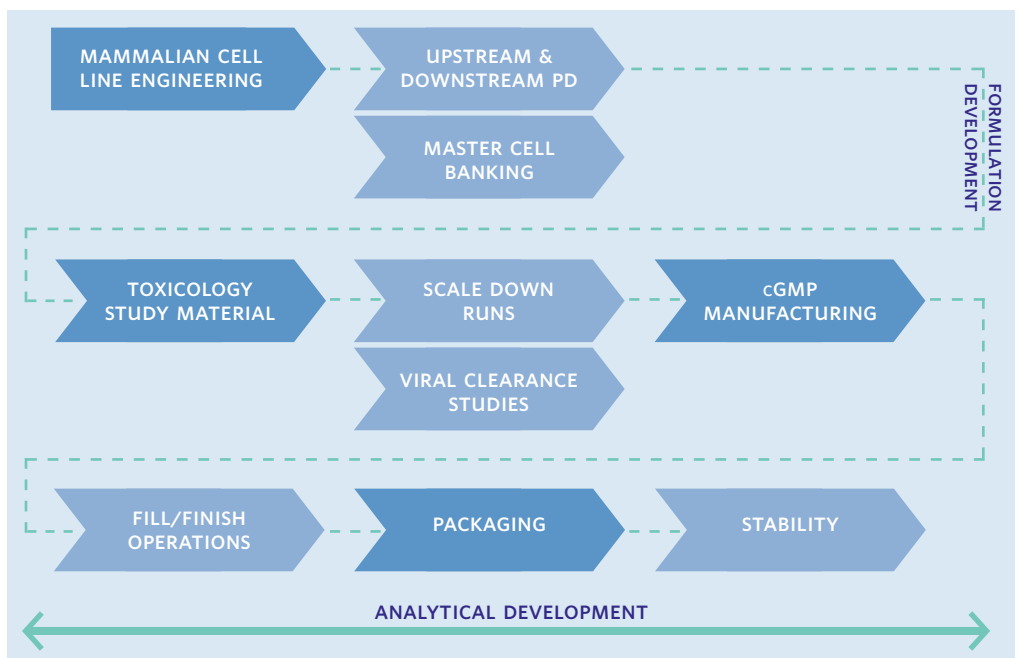
Our state of the art facility, with mammalian cell line engineering and biomanufacturing capabilities utilizing single use systems, offers flexibility and a range of manufacturing scale to support your unique project needs. We offer a complete range of integrated formulation and analytical services to solve your most difficult biologics development and manufacturing challenges.



Expertise with Biologics and Biosimilar Development

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|---|---|
| GPEx® Mammalian Cell Line Engineering Technology demonstrates titers up to 7g/L | >60 cGMP compliant Master Cell Banks produced |
| 7 biosimilar products marketed commercially | 30+ ongoing clinical trials |
| 14 cell lines available for biosimilar development | 40+ current clients |
| 400+ different antibodies/antibody fusions | 80+ active projects |
| 70+ different recombinant proteins | 3 programs with veterinary clinical trials |
| 80+ cGMP compliant lots manufactured | 45+ GPEx® products in clinical trials |

Catalent Biologics Capabilities and Project Flow





Increased flexibility and scale to meet your challenges quickly

Facility fully designed with single-use systems offering flexibility and maximum efficiency
 Unique ability to maximize scale and suites structure for changing client needs
 New advanced ambr15™ from TAP Biosystems, the leading microbioreactor system for cell line development and process optimization

FIGURE 1 Range of Bioreactors Available

BIOREACTOR/SCALE	
Non- GMP/Process Development	Sartorius ambr15
	2L (Glass) with Finesse Controllers
	10L (Glass) with Finesse Controllers
	20L/50L Rocking Bioreactor with Finesse Controllers
	20L/50L WAVE Bioreactors
	50L HyClone Single-Use Bioreactor with Finesse Controller
	100L HyClone Single-Use Bioreactor with Finesse Controller
	250L HyClone Single-Use Bioreactor with Finesse Controller
cGMP Manufacturing	20L/50L Rocking Bioreactors with Finesse Controllers
	20L/50L WAVE Bioreactors
	100L HyClone Single-Use Bioreactors with Finesse Controllers
	250L HyClone Single-Use Bioreactors with Finesse Controllers
	500L HyClone Single-Use Bioreactors with Finesse Controllers
	1000L HyClone Single-Use Bioreactors with Finesse Controllers
	2000L HyClone Single-Use Bioreactors with Finesse Controllers

Why Catalent Biologic Solutions?

Your Partner for Biologics Development & Supply

As your strategic partner for biologic drug development and manufacturing success, Catalent Biologics creates smart, tailored solutions with our superior GPEX® cell line engineering, our SMARTag® ADC Technology Platform, clinical and commercial manufacturing, integrated analytical, fill-finish, and clinical supply services to help you get better products to clinic, faster. Our extensive expertise and commitment to quality allows us to help improve the total value of your biologic treatments.

more products.
 better treatments.
 reliably supplied.™

Discover more solutions at catalentbiologics.com
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