

Syracuse Bio Campus

Early Stage Capability

From Sequence to IND and Beyond



We deliver end-to-end support across the early stage journey—from process innovation to analytical validation, early manufacturing and worldwide regulatory filings (IND, CTA, BLA, MAA).



Why LOTTE Biologics

Trusted Expertise & Flexibility



30+

Years combined
CDMO Experiences



**Experience with
Multiple Cell Lines**

CHO-GS, CHO-DG44,
CHO-K, NS0



**Reduced
Development Risk**

through phase-appropriate,
science-driven process
development



**Flexibility for
Complex Modalities**

including bispecifics,
fusion proteins,
and bioconjugates



Early-stage Capabilities



Mammalian Services

- Process Development
- Analytical Support



Bioconjugation Services

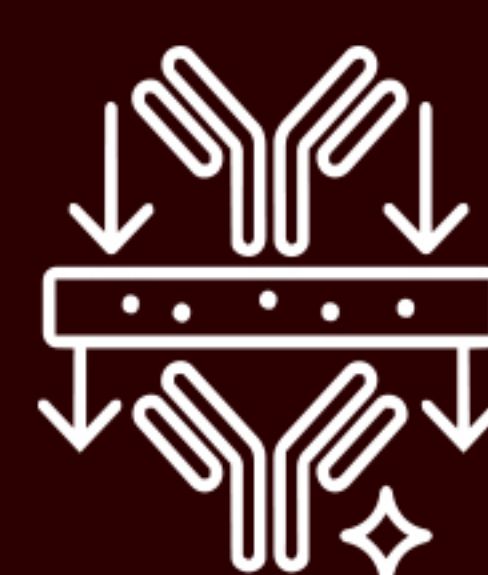
- Bioconjugation Process Development
- Bioconjugation Analytical Development

End-to-End Management of Customer Projects



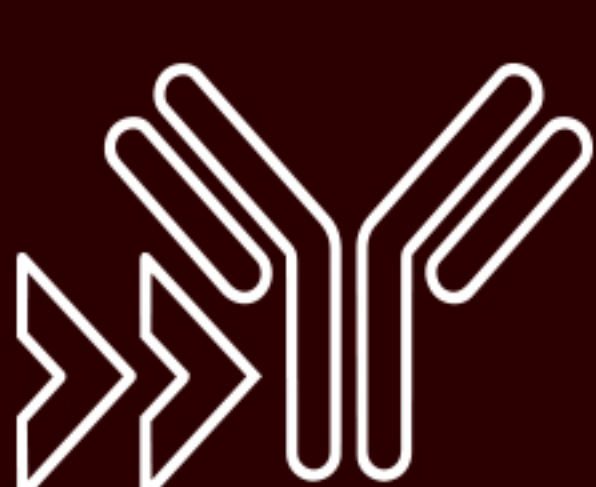
Early Development

Establishing platform-based processes and generate essential data packages to support rapid clinical entry.



Process Optimization

Identifying and controlling critical parameters through structured studies and data-driven analysis.



Scale-up & Tech Transfer

Establishing scalable, controlled processes and enable efficient transfer to manufacturing sites.



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Support Services

Cell Bank Storage

Flexibility to manufacture both Master Cell Bank and Working Cell Bank.

Dedicated cell banking suite
Robust multi-product internal bulk storage.

Vapor phase liquid nitrogen

- 5 available storage units;
- Capacity of 7,300 vials per storage unit
- Segregated Banks

Inoculum

Three (3) inoculum suites designed to support the scale up of multiple products concurrently.

- Flexible design to support single use systems, shake flasks and spinners.



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Support Services

Analytical Capabilities

Various in-house analytical capabilities to support products across the product lifecycle.

- Analytical method development (incl feasibility studies, characterization and comparability studies)
- Analytical Transfer & Validation
- Other Analytical Activities & Technical Support