

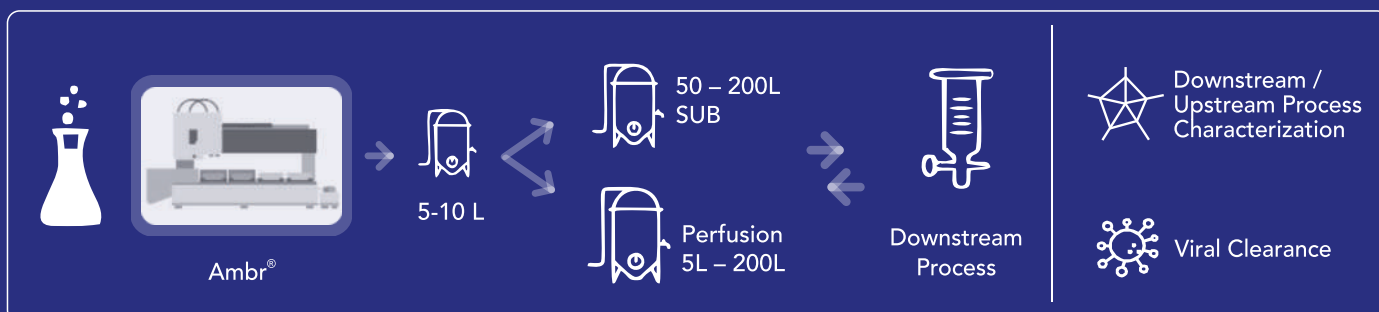
◆←● **Process**
 ↓
 ●→■ **Development**

Our strength is built on a deep understanding of **cell culture, protein chemistry** and an integrated analytics platform enabling a **robust, scalable, controlled** process.

Our scale of operations spans from a **few millilitres** to over **1000+ Litres** in **batch, fed batch** and **perfusion** cell culture platforms.

A high degree flexibility in using either stainless steel or **single use bioreactor** system. Rich **technology transfer** experience adds to such flexibility.

In-house expertise in **analytical** and **process characterization** capability enables for a **One Stop Shop Solution**.



Process Development

Why us

Data analytics driven approach to understanding process controls, with a full understanding of each cell line's requirements, based on a strong platform of spent media analysis and protein chemistry.

One Stop Shop for the full value chain – Process Development over a wide scale, Process Analytics and Process Characterization.

Expertise in Fed Batch and Perfusion cell culture systems.

What we do

Scale & Platform

10ml to 200L SUB |
Single Use | Perfusion | Lab
Scale Material Generation

Analytics

Spent Media Analysis |
Multivariate Process Analytics

Characterization

Process Characterization |
Viral Clearance |
Hold Time Study |
Resin Lifetime Study

Downstream

Batch and Continuous
Chromatography – Affinity |
HIC | Mixed Mode |
Protein PEGylation

Cell Line / Clone

Clone stability Assessment |
CHO (S) | CHO K1 – GS^{-/-} |
CHO-DXB11 | E coli

Protein

mAb | Fab | Fusion Protein |
Cytokine | Enzyme | Hormone |
Hyperglycosylated Proteins |
Derivatized Proteins

4000 SqMt.
of R&D Lab Space



ALCOA+ Driven
Quality Systems



200+ Research
Scientist



Digital
Infrastructure
Supported



ELN | Proprietary Analytics Platform

