

Drug discovery, Screening,  
Manufacturability assessment,  
Mechanism of action

Drug stability,  
Pharmacokinetics,  
Pharmacodynamics

Cell line generation,  
Process development,  
Formulation development

## STRUCTURAL AND FUNCTIONAL CHARACTERIZATION

**Intact Protein**  
(SDS-PAGE, HPLCs, LC/MS, CD/Fluorescence spectroscopy, SPR, ELISA)

**Subunits and Domains**  
(SDS-PAGE, LC/MS)

**Peptides**  
(RP-HPLC mapping, MS)

**PTMs**  
(Glycan Profiling, MS)

Analytical development,  
QA/QC

Regulatory filing, Scientific  
publication

