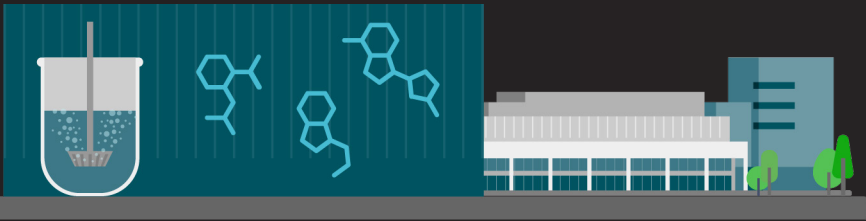


Biologics Drug Development

Reliable solutions to support you at every step.



Discovery and Early Development

- Hit-to-lead: Hit validation

 **Binding affinity & kinetics:**
GCI & ITC

 **Particle size & stability:**
SLS, DLS, NTA

 **Thermal stability & higher order structure:**
DSF, DSC



GCI
WAVEsystem



ITC
MicroCal PEAQ ITC



DLS
Zetasizer Advance



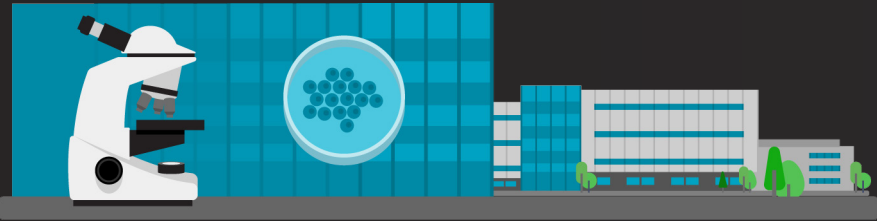
SLS, DLS, DSF
Zetasizer Core



NTA
NanoSight Pro



DSC
MicroCal PEAQ-DSC



Preclinical Development

- Lead/candidate optimization

 **Particle size, concentration & colloidal stability:**
SLS, DLS, NTA

 **Thermal stability & higher order structure:**
DSF, DSC



DLS
Zetasizer Advance



SLS, DLS, DSF
Zetasizer Core



NTA
NanoSight Pro



DSC
MicroCal PEAQ-DSC



Clinical & Scale-up

- Formulation & process:
Development & optimization

 **Colloidal stability:**
SLS, ELS

 **Thermal stability & higher order structure:**
DSF, DSC

 **Particle size, shape & identification (ID):**
DLS, NTA, MDRS



MDRS
Morphologi 4-ID



DLS
Zetasizer Advance



SLS, DLS, DSF
Zetasizer Core



NTA
NanoSight Pro



DSC
MicroCal PEAQ-DSC



Manufacturing

- QA/QC

 **Thermal stability & higher order structure:**
DSF, DSC

 **Particle size, stability & identification:**
SLS, DLS, NTA, MDRS



MDRS
Morphologi 4-ID



DLS
Zetasizer Advance



SLS, DLS, DSF
Zetasizer Core



NTA
NanoSight Pro



DSC
MicroCal PEAQ-DSC