### Your Trusted CRO Partner in Drug Discovery & Development



# A CRO Supporting GLP/GCP Studies with Bioanalytical and DMPK Expertise

- Cell and Gene Therapy
- Biomarkers
- PK/TK Small and Large Molecule
- Immunogenicity
- Large Molecule Bioanalysis by LC-MS/MS including proteins, oligonucleotides, and drug conjugates
- Ligand Binding Assays
- qPCR
- Flow Cytometry
- LC-MS/MS
- LC-FLD
- Protein Characterization by High Resolution MS
- In vitro ADME Studies for Drug Discovery and Development Support
- AAALAC-accredited Vivarium
- CLIA-licensed Laboratory
- Sample Storage



#### **Technology Platforms**

Classic ELISA Plate Reader

Meso Scale Discovery®

GyroLab<sup>™</sup> xPlore

Luminex 3D FlexMap®

**Ouanterix Simoa® HDX** 

QuantStudio 7

LC/MS - **Sciex API 7500, 6500+**, 6500, 5500, 4000

- -Thermo Q Exactive<sup>™</sup> Plus, Orbitrap<sup>™</sup> XL and **Exploris 240**
- Agilent 6495 & 6545XT AdvanceBio LC/Q-TOF
- Agilent RapidFire 400

UPLC - Shimadzu LC40, LC30

- Agilent 1290
- Thermo Vanquish
- Evosep one: EV-1000

ICP-MS - Agilent 8900 Triple Quadrupole

Automation - Hamilton Microlab STAR

- Agilent Bravo
- Thermo Fisher Scientific KingFisher Flex



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## LC-MS/MS Analysis

- PK and Biomarker Assay Development, Validation and Sample Analysis
  - Intact Proteins
  - Surrogate Peptides
  - Oligonucleotides
  - ADCs and Other Drug Conjugates
- Protein and Antibody Characterization
  - Intact Mass Analysis & Peptide Mapping
  - N-glyan Profiling
  - PTM Characterization
  - Disulfide Bridge Analysis
  - Proteomics and Metabolomics Support
  - De Novo Sequencing

## **Ligand Binding Assay Support**

- Assay Development, Validation and Sample Analysis
- PK and TK
- Biomarkers
- Immunogenicity (ADA & Nab)
- Cell-based Assays
- Enzymatic Activity Assays

## Cell and Gene Therapy

- Hybridization ELISA
- qPCR
- Immunogenicity
- LC-MS
- Flow Cytometry

To review Alliance's Technology Platforms, please see other side.

