



In vitro **Biology**

Our unique proposition is to generate *de novo* and customized *in vitro* assay platforms.

Novel and Customized | Experience in Drug Classes |
Integrated Drug Discovery

1 Drug Classes

- Small molecule and PROTACs
- Oligonucleotides
- Peptides
- mABs

3 Customized and Specialized Assays

- Target engagement via BRET
- Stem cells derived functional cells
- 3D cells co-culture
- Spheroid culture
- Organoid culture

5 Assay Format

- Label-free
 - SPR and Mass Spec
- Luminescence
 - HiBit, NanoBit, etc.
- Fluorescence
 - FP, TR-FRET, HTRF, etc.
- Absorbance

2 Immunological Assays

- Antibody Dependent Cell Mediated Cytotoxicity (ADCC)
- Complement Dependent Cytotoxicity (CDC)
- Antibody Dependent Cellular Phagocytosis (ADCP)
- FACs based NK-mediated cell killing
- Treg-Immune suppression
- T-cell cytotoxicity

4 Assay Systems

- Primary cell screening
- Phenotypic testing
- Cell based assays
- Biochemical assays

6 Assay Acceptance Criteria

Systems	Z'	% CV
Cell Free	>0.8	<10
Cell Based	>0.6	<20