ABZENA

We are Abzena

Designed to deliver. Built to care.

Abzena is a global development and manufacturing partner that provides integrated discovery, development and manufacturing services for biologics and bioconjugates to the biopharmaceutical industry. We help our partners to take their innovative discoveries from early-phase development through to commercial manufacture by tailoring our approach from concept to clinic.

We work with businesses and academic institutions—including most of the major pharmaceutical companies—to support the delivery of improved patient treatments for unmet medical needs, including complex biologics for rare genetic childhood disorders and cancers. Our vision is to accelerate the development of biologic treatments and bioconjugates so that suffering of patients is prevented, and lifespan improved.

We design and deliver projects with the market in mind

As a leading ADC CRO, we support our partners in discovery, development and manufacture of these medicines. We accelerate the research and development cycle by leveraging our deep domain expertise, innovative technologies, a quality-by-design (QbD) approach and a quality track record, offering a truly integrated approach across a multidisciplined team.

We understand the importance of the discovery phase and the impact it can have on the success of an ADC project and our rich history in in the field means we have the capabilities, knowledge and expertise for selecting the right antibody, the right linker and the right payload combination.

We deliver tailored services to our clients every day, including:

- Proven design and developability assessment to select lead ADC candidates for clinical testing
- Candidate identification using ADC cascade screening for on- and off-target binding on patient tissue, molecular engineering of the Fc to moderate Fc receptor interactions and generation of high-expressing cell lines
- Linker-payload optimisation
- Stability, solubility, conjugation and in-vitro assessments
- Cytotoxicity assays and ex-vivo stability profiling
- PK profiling via mAb, toxin and DAR determination and tissue metbolomics
- Development and pre-qualification of analytical methods for purity
- Process development
- GMP manufacturing of the high potent payload, linker and antibody, as well as the ADC including formulation development
- Flexible FTE model to support companies with changing project requirements.

Our facilities:

- San Diego, CA, USA
- Bristol, PA, USA
- Cambridge, UK

For more information please visit www.abzena.com.