

## Your one-stop-shop for XDCs

Accelerate Your Programs from Discovery to Clinic

Your Molecule. Our Expertise. One Seamless Journey.



**DISCOVERY**  
Scale: 5-500 mgs



**DEVELOPMENT**  
Scale: up to 10 gms



**MANUFACTURING**  
Scale: up to 1 kg



**CLINICAL Trials**

- Rapid development of various mAb-linker-payload combinations
- Cell-based and DAR assays for evaluation of multiple combinations
- PK and *In Vivo* efficacy in rodent models
- Safety assessment in animals

- Development of various DAR assays and well studied process for manufacturability
- Process development, scale up and material supply of XDCs
- Clinical PK, ADA method development, validation and analysis

- Raw materials and vendors qualification
- DS and DP for FIH studies
- GLP Virus Clearance studies
- QC testing & stability

- Human Pharmacology
- Regulated Bioanalytical Lab
- Central lab services
- Allied services

For more information, contact [bdc@syngeneintl.com](mailto:bdc@syngeneintl.com)  
[www.syngeneintl.com](http://www.syngeneintl.com)



Scan the QR code  
to learn more

## Integrated Bioconjugation Platform

01

### Discovery to Clinical Supply

- End-to-end support from antibody discovery and engineering to GMP manufacturing at up to 1 kg scale, with OEB 5 capability.

02

### Payload and Linker Chemistry

- Extensive experience with cytotoxic and non-conventional payloads (e.g., topoisomerase inhibitors, auristatins, PBDs, immune stimulants, PROTACs).
- Design and synthesis of cleavable, non-cleavable, enzyme-cleavable, disulfide, and pH-labile linkers, including proprietary and custom solutions for improved solubility and stability.

03

### Conjugation Technologies

- Amine (lysine), thiol (cysteine), site-specific (Thiomab), enzymatic (transglutaminase), click chemistry, dual-drug, Ab-PROTAC, and Ab-oligo conjugation.

04

### Analytical and Bioassay Support

- *In Vitro* and *In Vivo* efficacy, cytotoxicity, immune modulation, and PK/ADME studies.
- A fully equipped, state-of-the-art, in-house analytical facility.

05

### High Potency Payload Manufacturing

- Advanced isolator systems for safe, compliant manufacturing up to OEB 5.
- Clinical and commercial supply of a wide range of highly potent payloads, including topoisomerase inhibitors, auristatins, PBDs, and more.

## Why Syngene for XDCs?



### Single-Source

Manufacture and supply of antibody, peptide, oligonucleotide, payload, linker, and conjugation managed under one roof, minimizing risk and delays.



### Diverse Modalities

Manufacture and conjugation of mAbs, peptides, oligonucleotides, high-potency, and cytotoxic compounds.



### Scientific Acumen

Expertise in payload and linker chemistry, multiple client projects.



### Flexible Options

Tailored financial solutions with dedicated project management.

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