

# Integrated chemistry services in ADC, oligo and peptide conjugate development and manufacturing

Our award-winning capabilities in ADC chemistry combine discovery expertise, high-potency handling, and manufacturing strength to drive consistent and rapid clinical and commercial development.



- Discovery and IND-enabling chemistry; cGMP chemistry and bioconjugation
- Global leading commercial supplier of S-Trione and SN-38
- High-potency handling: OEL <math>< 10 \text{ ng/m}^3</math>
- Custom payloads and linkers
- Supporting analytical services: biophysical analysis, method development, stability studies, and reference standards





## ADC Services – Discovery to Commercial



### Discovery & Early Development

- R&D antibody production (transient cell line) ●
- Plate-based ADC screening ●
- Linker-payload library ●
- Technology evaluation / DAR optimization ●
- Cell-based assays and biophysical analysis ●
- Proof-of-concept hit discovery ●
- In vivo studies ●



### Preclinical Development & Toxicology Batches

- Technology optimization ●
- Payload-linker synthesis / custom solutions ●
- ADC therapeutic index optimization ●
- Bioanalytical support (in vivo / in vitro assays: ELISA, cytotoxicity, PK, serum stability) ●
- Full analytical development ●
- Tox batches (payload, linker, bioconjugate) ●
- Process development optimization (scale-up) ●
- Toxicology studies in non-human primates ○



### GMP Manufacturing

- Antibody (cGMP) ○
- Payload-linker (Phases I & II) ●
- Payload-linker (Phases III & commercial) ●
- cGMP ADC manufacturing (Phases I & II) ●
- Fill-finish ○
- cGMP analytical services: method development, qualification, validation ●



### Back-integrated Linker Payloads

- S-Trione (US DMF No. 039042) ●
- MMAE (DMF planned - Aug 2026) ●
- Exatecan Mesylate (US DMF No. 043412) ●
- Irinotecan Hydrochloride Trihydrate (US DMF No. 043677) CEP 2023-338 ●
- Camptothecin (US DMF No. 043966) ●
- Novel Topoisomerase I and Auristatins ●
- Linkers: Standard & Novel ●
- SN-38 (US DMF No. 039031) ●

● NJ Bio, Princeton, NJ (USA) ● Nacharam (India) ○ Industry Partners

