

## One Stop CDMO Services for Conjugate Products



**Minhang, Shanghai** DS

Payload-Linker  
R&D Center

- OEB 4 & 5
- 50 L
- Pre-clinical to Tox Batch

**Waigaoqiao, Shanghai** DS DP

Biologics  
R&D and Manufacturing

- Antibody (200-500 L)
- Bioconjugation (10-200 L, OEB 5)
- Pre-clinical to Phase II
- Antibody (500-2,000 L)
- Bioconjugation (200-500 L, OEB 5)
- Phase II to Commercial

**Fengxian, Shanghai** DS

Payload-Linker  
Manufacturing

- OEB 4 & 5
- 200 L
- Phase I to Commercial

**Cranbury, New Jersey** DS

Payload-Linker  
R&D and Manufacturing

- Payload-Linker (10-100 L, OEB 4 & 5)
- Pre-clinical to Commercial

\*UNDER PLANNING

Operational Excellence

IP      QA      EHS      RA      PM      Supply Chain

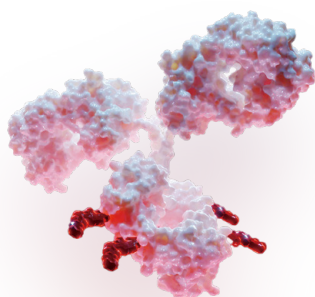
Global Site Compliance

FDA U.S. FOOD & DRUG ADMINISTRATION      World Health Organization      EUROPEAN MEDICINES AGENCY SCIENCE MEDICINES HEALTH      Pmda      国家药品监督管理局 National Medical Products Administration



# Biologics and Conjugates CDMO Services

As a subsidiary of Porton Pharma Solutions, a globally recognized CDMO, Porton Biologics and Conjugates CDMO Platform offers comprehensive, one-stop drug development and manufacturing services for biologics and conjugates, including ADCs, AOCs, PDCs, etc.



Conjugates



Targeting-vehicle

- Antibody
- Peptide
- Small Molecule



Linker

- Cys (-SH): S-S, Maleimide Group (mc, mcc, etc.)
- Lys (-NH2): Activated Acid (CO-OSu, etc.)



Payload

- Cytotoxic Drugs
- Oligonucleotides
- Radionuclides
- Fluorescers



Early Stage Development Services



Process Development and DS Manufacturing



Formulation Development and DP Manufacturing



Analytical Development and QC



Registration Services

## Standard Timeline for Conjugates IND Project

	ADC	AOC	PDC (chemical synthesis)	PDC (E.coli expression)
Tox Material Delivery	8 Months	8 Months	6 Months	8 Months
US Filing	14 Months	14 Months	11 Months	13 Months
CN Filing	16 Months	16 Months	13 Months	15 Months

