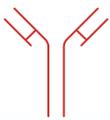
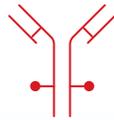


# Antibody-Drug Conjugates

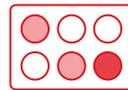
Pharmaron's One-Stop-Shop Solution from Idea to ADC



Antibody & Payload  
Screening and  
Synthesis



Bioconjugation  
& Production



Biology &  
Efficacy Testing



Safety & DMPK  
Assessment

## Partnering with Pharmaron for Successful ADC Discovery and Development

- Fully integrated antibody discovery services.
- Expert chemistry to mitigate risks related to solubility, DAR, and payload release.
- Linker modeling for optimized ADC structure, stability, and efficacy.
- Comprehensive assay suite and animal models for efficacy testing of ADCs with a broad range of payloads and mode of actions.
- Full suite of ADC-tailored DMPK and safety assessment services.

Large variety of carrier and payload options are available to create fit-for-purpose ADCs and other conjugates.

**340 ADCs  
released and  
delivered in  
2024**

## Discovery of ADC Components

- Target identification
- Antibody discovery, engineering & production
- Payload screening & synthesis

## Linker & Payload Chemistry and Bioconjugation

- Design and synthesis
- Library screens
- Modeling
- Cleavable or non-cleavable strategies
- High-potency synthesis and bioconjugation labs

## DMPK & Safety Assessment of ADCs

- Payload, antibody and ADC analysis
- *in vitro* DMPK
- *in vivo* PK/PD
- *in silico* Modeling
- Immunogenicity (ADA)
- Toxicology
- Bioanalysis

From  
**Idea to ADC**  
with  
**Confidence**

## Biology of ADCs

- *in vitro* potency testing
- Mode of action assays
- Bystander effects
- Fc-mediated function
- Translational models
- Animal disease models

## ADC Characterization

- Analytical testing
- Drug-Antibody-Ratio
- Stability
- Cell-free and cell-based binding
- Internalization
- Payload release kinetics

## Development and Manufacturing from Small to Large Scale

Pharmaron supports the preclinical development of ADCs, including

- Developability assessment
- Process development
- Pilot scale
- Non-GMP manufacturing
- GMP (coming in 2025)

**Driven by Science to Help our Partners Succeed**



Laboratory  
Services



Chemistry,  
Manufacturing  
& Control



Clinical  
Development



Biologics  
& CGT