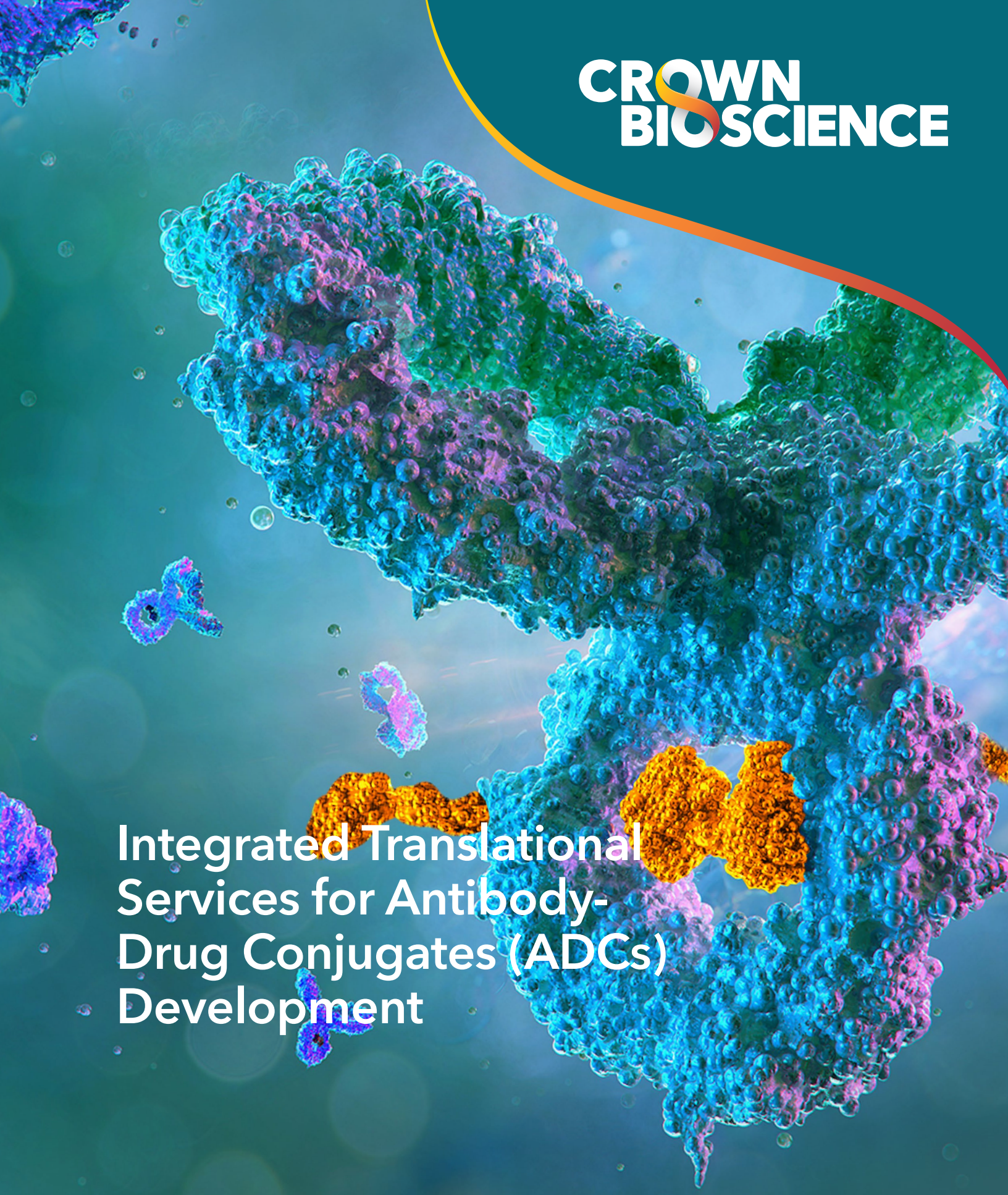
CROWN BIOSCIENCE



Integrated Translational Services for Antibody-Drug Conjugates (ADCs) Development

A JSR Life Sciences Company

FACTSHEET

Access a full suite of integrated services for your ADC development

Crown Bioscience's fully integrated ADC development services accelerate ADC development, reduce risks, and deliver cost-efficient, reliable results. The platform utilizes the world's largest collection of well characterized patient-derived models, ensuring the optimal model for every stage of development.

- Receive customized development plans tailored to specific project needs from scientists experienced in ADC development with a proven track record of success.
- Join a growing list of successful ADC projects that demonstrate Crown Bioscience's capability to deliver impactful results

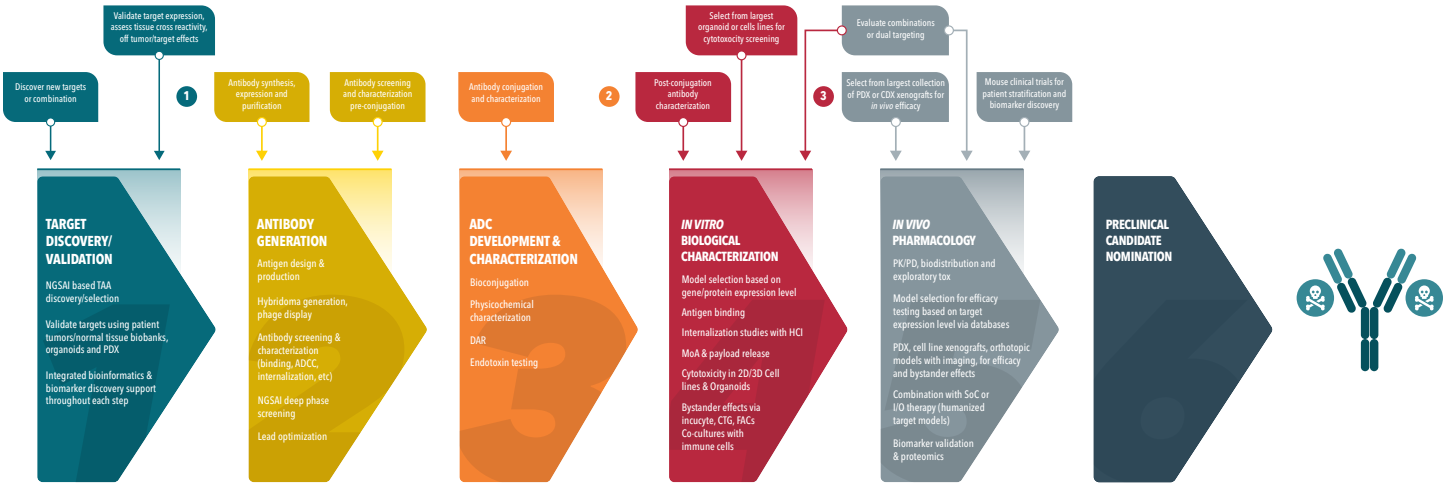
Leverage diverse model selection

- Evaluate ADC activity on a range of models across various patient ethnicities, different disease stages, as well as on primary tumor-derived and metastatic models.
- Robustly test for primary and secondary resistance to ADC candidates using a large array of diverse and heterogeneous tumor models including rare mutations, or bioluminescent or fluorescent probes.
- Seamlessly transition from *in vitro* to *in vivo* pharmacology services, including model selection for efficacy testing, PDX models, CDX models with imaging, and efficacy/bystander effect testing.
- Screen organoid panels across 500 morphological and phenotypic data points, ideal for assessing mechanisms of resistance.
- Fast-track your ADC candidate development with NGS/AI-based tumor-associated antigen discovery and model selection.

Capitalize on services optimized for ADC development

- Utilize advanced ADC development with site-specific conjugation techniques to optimize linker payloads, along with bioconjugation, physicochemical characterization, drug-to-antibody ratio (DAR), and endotoxin testing to ensure optimal drug performance.
- Leverage antibody generation services, including antigen design and production, hybridoma generation, antibody screening (binding, ADCC, internalization), and deep phase screening for lead optimization.
- Perform mass spectrometry analysis to precisely assess pharmacokinetics (PK) and DAR, providing reliable data for informed decision-making in development.
- Integrate small molecules to enhance the therapeutic potential of ADCs, expanding the options for optimized strategies.
- Gain a deeper understanding of the mechanisms of action for your monoclonal antibody therapies, enhancing their effectiveness in targeting cancer cells.

Robust, fully integrated ADC development services drastically reduce timelines while improving data quality



Leverage the power of the world's largest collection of pre-clinical models

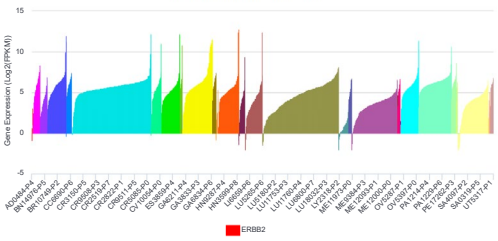
Complimentary Cancer Model Databases

Quickly Find Preclinical Models to Fit Your Research Needs

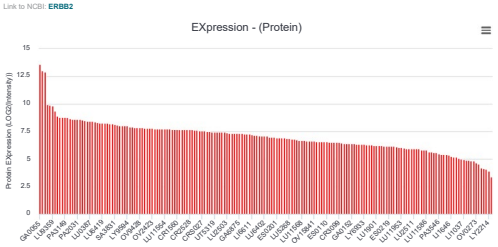
By utilizing our free cancer model databases, researchers gain a significant advantage in their preclinical oncology studies with time and cost savings. Access to diverse and well-characterized tumor models, along with extensive profiling and pharmacologic data, empowers researchers like you to make confident and well-informed decisions during oncology drug discovery.

https://hubs.la/Q02VJ3pc0

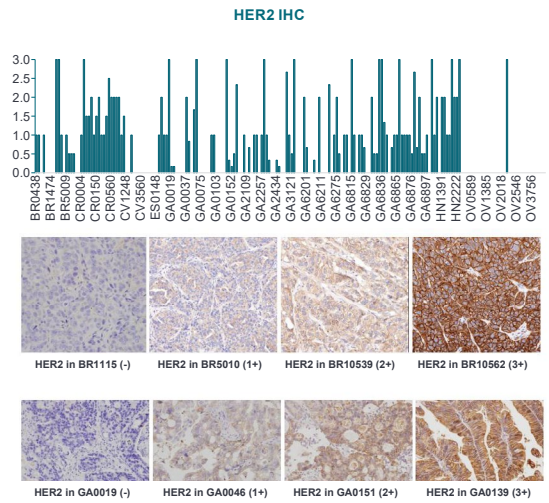
Target Gene expression (RNAseq)



Target protein expression (Proteomics)



Target protein expression (IHC)



Curate the optimal models based on target/antigen expressions or key biomarkers

PDX Model Database

Clinically Relevant PDX Models

Access 2,500+ global PDX models. Tailor your selections based on indication, drug responses, patient histories, and multiomics data for precision in your studies.

Organoid Models Database

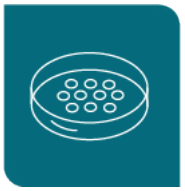
Exclusive Organoid Models

Utilize specialized *in vitro* models using HUB protocols. Easily access Vital POXO data including histopathology, IC_{50}, and genomics to ensure research accuracy.

IO Murine Models Database

Diverse 10 Murine Models

Broaden possibilities with Syngeneic, GEMM, murine tumor homografts, humanized genetically modified mouse models, and more to enhance immunology research.



Cell Line and CDX Database

Comprehensive Cell line and CDX Resources

Search from 900+ cancer cell lines and 200+ CDX models. View and select models available for screening and faster *in vitro* to *in vivo* study translation.

Get in touch

US: +1 858 622 2900
UK: +44 (0)1530 234871

busdev@crownbio.com
www.crownbio.com