

# Biomarker Discovery

Increase your success rate by bridging discovery  
knowledge to clinical result

Gain in-depth biological insights and make data-informed trial decisions through biomarker discovery. De-risk therapeutic development by identifying robust and sensitive biomarkers early in drug development.

Maximize your clinical success rate by incorporating biomarkers into your drug development programs. Crown Bioscience's comprehensive Biomarker Discovery enables you to:

- Corroborate clinical-preclinical data
- Evaluate the predictive value of potential biomarkers
- Identify genomic and proteomic signatures corresponding to treatment response
- Rescue previously unsuccessful drugs through reinterpretation of clinical trial results
- Improve patient stratification

Discover and validate biomarkers through our integrated platform encompassing:

- Portfolio of well-characterized *in vivo*, *ex vivo*, and *in vitro* models as reliable, clinically relevant test systems for functional and efficacy evaluation
- Comprehensive menu of validated genomic and proteomic assays to understand drug mechanism of action (MoA)
- Extensive datasets collected over decades of research covering thousands of models, including growth curves, sequencing data, and pharmacological data including mouse clinical trials
- Proprietary bioinformatics solutions using in-house and public datasets enabling systematic analysis of genomics and proteomics
- Expert in-house team to assist with experimental design, high complexity analyses, and result interpretation

## GENERATE

Pharmacology study to assess and confirm MoA



## BUILD

Statistical models to interpret pharmacology data



## DISCOVER & VALIDATE

Hypothesis free biomarker discovery



## OPTIMIZE

Clinical trial design



## Get in touch



### Sales

US: +1 858 622 2900  
UK: +44 870 166 6234

busdev@crownbio.com  
www.crownbio.com



### Science

consultation@crownbio.com

