

Biomarker Discovery



Increase your success rate by bridging discovery knowledge to clinical results

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. CrownBio'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.
- 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 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.



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 **Schedule Scientific Consultation**
Request a consultation to discuss your project.
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 **Additional Resources**
Read supporting publications, white papers, watch presentations, and more.
crownbio.com/resources