CROWN BIOSCIENCE

PDX Model Collection

The world's largest commercially available collection of patient-derived xenograft models
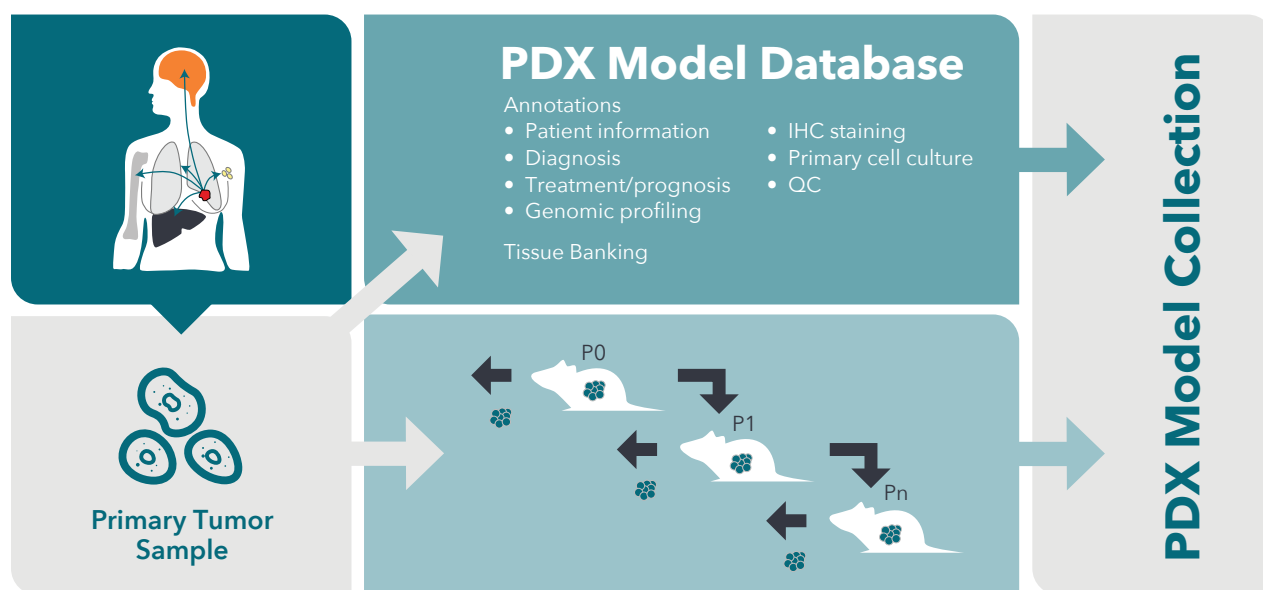
A JSR Life Sciences Company

2,500 PDX *in vivo* tumor models with many in passage and available for efficacy testing.

Crown PDX models are well-characterized and annotated with expression profiling (RNAseq and U219) and gene copy number (WES and SNP6) data. MicroRNA and hotspot analysis is also available.

- Large, diverse collection of PDX models from US, European, and Asian populations covering over 35 cancer types

- Models derived from both treatment naïve and pretreated patients

- Many PDX samples are derived from metastatic lesions

- PDX models of both innate and acquired resistance

- PDX collection contains models with relevant mutations represented in patient populations

- Unique models of specific disease pathways for targeted therapy such as RET, ALK, EGFR, MET, IDH, RSPO, and HER2

- Unique collections of underrepresented indications, including GIST, prostate cancer, and AML

- Curated, online, searchable database PDX model database of phenotypic and genotypic data, patient information, growth curves, and standard of care treatment data

Primary Tumor Sample

PDX Model Database

Annotations
- Patient information
- Diagnosis
- Treatment/prognosis
- Genomic profiling

- IHC staining
- Primary cell culture
- QC

Tissue Banking

P0
P1
Pn

PDX Model Collection