

A large, 3D-rendered tumor mass in shades of red and orange, with a white, porous-looking center. Numerous small, blue, spherical particles with black speckles are shown radiating from the tumor, some appearing to be attached to its surface. The background is a dark gradient with a teal-to-orange arc at the top.

Radiation Therapy

Precision radiotherapy with applications from simple subcutaneous to complex metastatic studies



Predicting how novel treatments work in combination with radiotherapy is critical. CrownBio provides an integrated platform for preclinical drug development and expert consultation that will enable your clear next-step decision and improve the translational prediction of your next combination study.

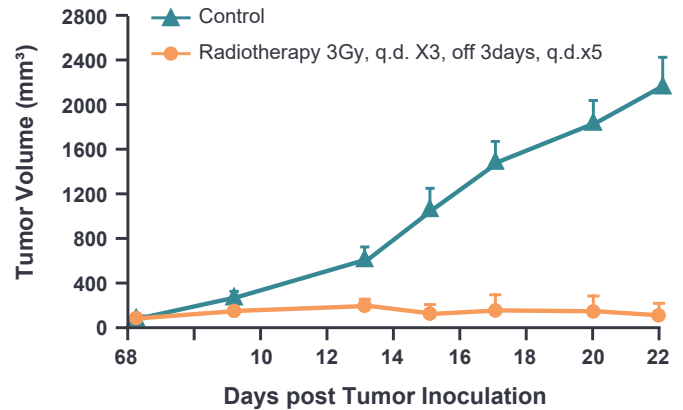
- Validated syngeneic or clinically relevant xenograft models for combination studies
- Determine efficacy and response to treatment
- Select qualified lead agents

Our service delivers image beam guided focal radiation using PXi X-RAD SmART technology. This technology enables fast, accurate delivery in all treatment scenarios, including complex metastatic studies.

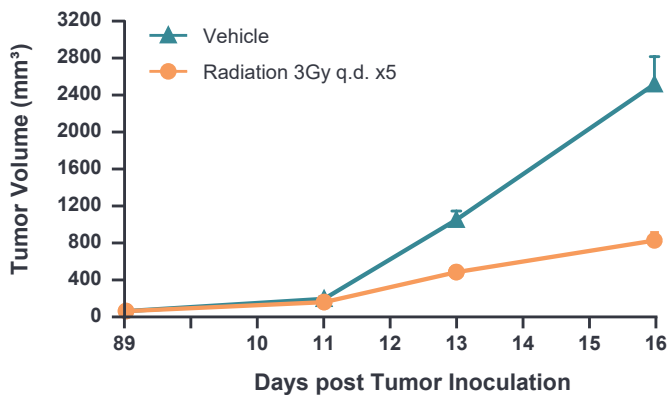
Quick and Easy Model Selection

Selection of the appropriate syngeneic tumor models of interest is made easy by our curated online murine cancer model database **MuBase**, and our powerful new search engine (which searches models from all our oncology databases) **OncoExpress**.

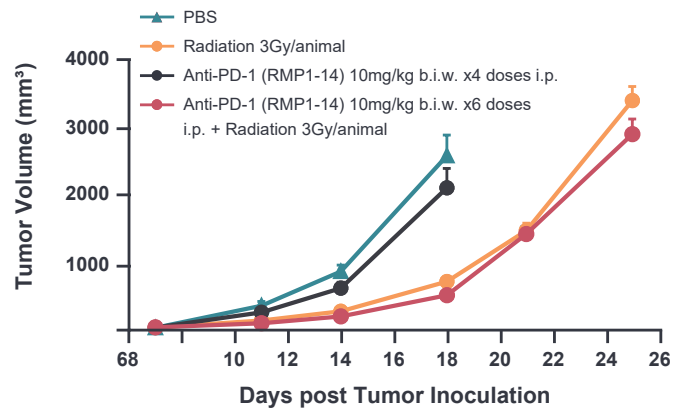
Subcutaneous CT26.WT Adenocarcinoma Model Response to Radiotherapy



Subcutaneous B16-F10 Melanoma Model Responds to Radiotherapy



Subcutaneous RM-1 Prostate Cancer Model Response to Radio- and Combination Therapy



Get in touch



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