



Discovery Services

Discover the Value

EXPERTISE

- Pharmaceutical drug discovery
- Oncology, central nervous system (CNS), inflammation, cardiovascular and metabolic disease drug development
- Unique model offerings
- Custom model development and characterization
- Unprecedented experience in combination/radiation therapy application
- *In vivo* imaging expertise integrated across multiple disease areas
- Expert study execution from protocol design and implementation through report writing

VALIDATION

- Proven model reproducibility and scalability
- Historical data, including tumor growth and disease progression curves and drug sensitivity profiles
- Novel tumor models developed, validated and characterized
- *In vivo* imaging protocols developed, optimized and validated

SCOPE

- Extensive range of 200+ validated tumor cell lines and disease models for *in vitro* and *in vivo* use
- Aggressive model development ensures responsiveness to research
- Complete profiling of experimental agents can be carried out alone or in combination with the appropriate clinical agents
- *In vivo* imaging in disease models

QUALITY

- Data verification process
- AAALAC-accredited, NIH-assured facilities
- Proven commitment to humane care
- AALAS-certified technical staff
- Models routinely screened for drift

COLLABORATION

- Custom program and study design: model selection, controls, combination and adjuvant assessments
- Expert report writing suitable for regulatory submission and immediate use in presentation formats
- Weekly verified data updates with secure 24/7 online access supporting interim data-based decision-making

Charles River Discovery Services Benefits

- Hundreds of validated *in vivo* models; broad-scope model availability
- Routinely validated new models at client request and based on industry direction
- Unprecedented breadth and depth of scientific expertise in contract oncology, CNS, inflammation, cardiovascular and metabolic disease drug development
- Consulting and collaborative relationship-based support
- Fast initiation and high-throughput offers efficiency with high data integrity
- Custom-designed Research Flow Management System with secure 24/7 access to all study designs and verified data