

Oncology

Molecular Imaging Inc. offers a diverse array of oncology models that are adapted and validated for imaging endpoints. Our senior leadership has extensive experience in all phases of cancer drug discovery and development, from target validation through clinical trials to oncology imaging. We provide seamlessly integrated pharmacology and imaging expertise through a client-focused service offering. Our mission is to help you drive your discovery research process efficiently and cost-effectively.

Models

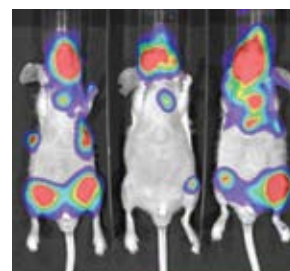
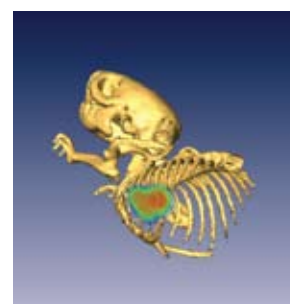
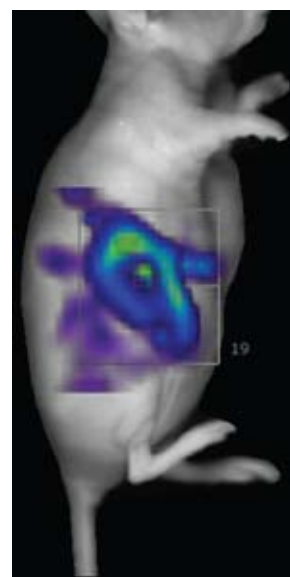
We have more than one hundred validated human tumor xenograft and syngeneic models available, including drug-resistant and specialty models, and we are continuously validating new models through our own research and development program. Our models are diverse and include a wide range of tissue types including:

- Brain
- Breast
- Colon
- Leukemia
- Lung
- Lymphoma
- Melanoma
- Myeloma
- Ovarian
- Pancreas
- Prostate

We frequently establish and validate imaging enabled custom models in response to client requests. We can also accept your models after appropriate pathogen screening.

Model Formats and Competencies

- Orthotopic models (e.g. Brain, Breast, Lung, Pancreas, Liver, and Prostate)
- Metastasis
- Tumor types (Breast, Lung, Prostate, Melanoma)
- Sites (Lung, Lymph Nodes, Bone)
- Angiogenesis
- Radiation Therapy
- Combination Chemotherapy
- Small Molecules
- Biologicals
- Gene Therapies

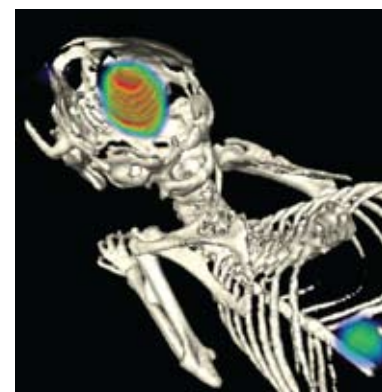




Imaging Modalities

Molecular Imaging, Inc. offers a wide array of on-site state of the art imaging modalities that provide both anatomical and mechanistic information about your drug candidate. Studies utilizing multiple imaging modalities are easily accomplished, providing broader, deeper, and more quantitative data sets to characterize disease response to your drug candidate at both anatomical and molecular levels.

- PET (FDG and FLT)
- MRI
- CT
- Optical (Bioluminescence, Fluorescence, FMT)
- DEXA
- 2D Xray



Ancillary Support Capabilities

Molecular Imaging also provides support activities including:

- Dose range finding
- Pharmacokinetics support
- Creation of custom models (e.g. Transfection with luciferase, validation of new probes, etc.)
- Pharmacodynamic support (e.g. target modulation/expression by traditional molecular techniques)

Internal R&D Program

Molecular Imaging has an active internal R&D program focused on implementation, validation and optimization of new models, imaging approaches and related technologies. The company actively seeks input from the industry to drive direction and priority, as well as strategic collaborations in these endeavors.