



Our Expertise



Imaging services include MRI/PET, Bioluminescence / Fluorescence Imaging, OCT Spectralis, and Ultrasound



Animal services including Irradiation, 2D ECHO, Invasive surgeries, PK/PD studies, Safety and Toxicology studies, Dosing via all routes, Blood sampling, complete Necropsies, and much more.



Experimental design with top-notch services by expert animal scientists and animal care personnel

VIVARIUM SERVICES

True To Research

Leading provider of comprehensive vivarium services for cutting edge pre-clinical research and experimentation. Our mission is to facilitate scientific research by providing top-notch services, expertise, and state-of-the-art equipment.

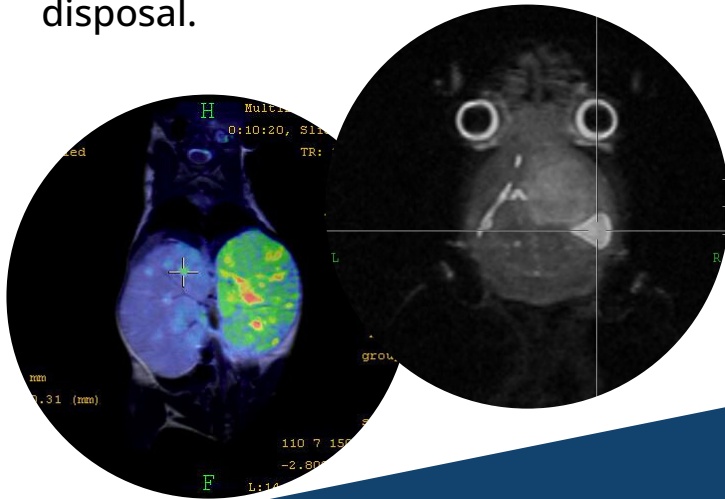
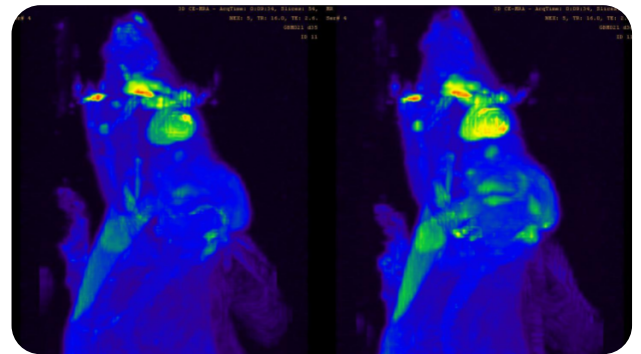


Mediso

MRI / PET SERVICES



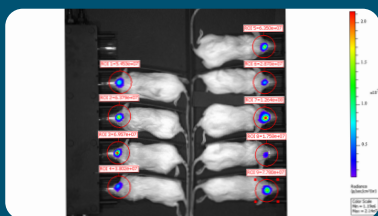
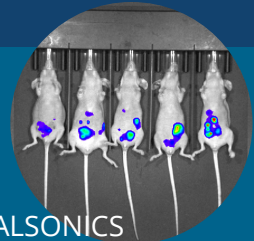
The powerful imaging modality for rodents with quick results for accurate diagnosis of a variety of conditions, including Cancer, Heart disease, Stroke, Alzheimer's disease, Multiple sclerosis, Parkinson's disease and Traumatic injuries. Truebinding meets federal and state regulations for radioisotope ordering, receiving, use, and disposal.



Expert in end-to-end MRI/PET sequences

CUTTING-EDGE METHODOLOGIES

Truebinding team of expert scientists can run your complete experiments and can also train your staff with equipment use and operations. All equipment are available for your use and on-site time share renting.



- **Ultrasound**
Vevo3100, Vevo LAZR-X, VISUALSONICS
- **MRI Body composition analyzer**
EchoMR
- **IVIS SPECTUM CT**
PerkinElmer
- **OCT SPECTRALIS for Ophthalmic Imaging**
Heidelberg Engineering

MOUSE / RAT SERVICES

- **Mouse/Rat Study Design**
PK/PD Studies, Efficacy, Basic and Invasive Surgeries, Behavioral Studies, Breeding Schemes' Design and Management, Complete Necropsy, etc.
- **Animal Dosing via All Routes**
IP, IV, SC, PO. IT, IN, etc.
- **Animal Blood Sampling via All Routes**
Retro-Orbital, Tail Vein, Submandibular, Saphenous Vein, Intracardiac etc
- **Behavioral Experiments**
Rotarods, Water Maze, Dry Maze, NOR, Open field, etc.
- **Expert Veterinarian Oversight, Treatment and Care**
Specialty Treatments/ Care Available Upon Request
- **Animal Ordering, Receiving and Housing**
It's All on Truebinding. Vivarium Space Available for Rent with Round the Clock Animal Health Surveillance
- **IACUC Protocols**
On-Site IACUC Committee, Expedited Protocols Approval, Protocol Drafting, Renewals and Amendments



SERVICES CONTINUED

- **Irradiation of Rodents and Cells**
RS-2000 Biological System
- **Glucometers for Glucose Test; GTT/ITT**
Glucose201, HEMOCUE
- **Von Frey- Testing Analgesia, Nociception, Neuro-Pathologies, and Post-Operative Pain**
BIO-EVF4-S and Elevated Metal Mesh Stand, BIOSEB
- **Lung Function Measurements**
FLEXIVENT
- **Controlled Cortical Impactor**
For Traumatic Brain Injury Modeling
- **Blood Pressure and Blood Chemistry**
CODA Non-Invasive Blood Pressure System, Abaxis Hematology Analyzer
- **Pressure Volume Millar Catheters**
AD Instruments
- **MPVS Ultra Foundation Systems, Transonic for Cardiovascular**
AD Instruments
- **Stereotaxic Instruments for Cranial Surgery**
Stoelting





ANIMAL MODELS OF HUMAN DISEASE



ONCOLOGY

Liver Cancers
Ovarian Cancers
Pancreatic Cancers
Breast Cancers
Thyroid Cancers
Brain Cancers



NEURO-DEGENERATIVE DISEASES

ALS
Stroke
Alzheimer's Disease
Parkinson Disease
Huntington's Disease
Spinal Cord Injury
Traumatic Brain Injury
Aging Studies



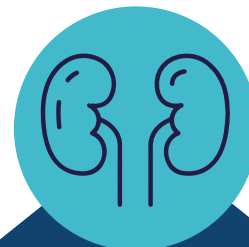
INFLAMMATORY DISEASES

Asthma
Lung Fibrosis
COPD
RACIA
Prostatitis
Sepsis
Glomerulonephritis
Inflammatory Bowel Disease
Rheumatoid Arthritis



METABOLIC DISEASES

Diabetes
Hypertension
Obesity
NASH



RENAL DISEASES

Kidney Fibrosis
Chronic Kidney Disease
Polycystic Kidney Disease

All of the above disease models are under approved protocols. If you have an idea of a new disease model, our experts can help and guide you all along for its optimization and establishment



***We Are Committed to Our Client's
Breakthroughs and Success!***

CONTACT US



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