



Contract R & D Laboratory

TGA Sciences, Inc. is AAALAC accredited, FDA & USDA registered, OLAW licensed and maintains IACUC in accordance with the USDA and PHS Policy.

Current Offerings & Services

√ In Vivo Animal Studies:

- Development of vaccine immunization schedules, dosing and adjuvant screening
- Immunogenicity lot release testing for bulk and finished clinical product.
- Monoclonal antibody generation
- Transgenic breeding programs
- PCR testing
- Basic R&D mouse studies

√ Rat Toxicology Testing:

- Development of toxicology studies and quantitation for Pharmacokinetic studies.
- Dose ranging studies.
- Bioequivalence and bioavailability studies.

√ GPMT Testing:

- In Vivo guinea pig maximization skin test for contact allergens.
- Performed in compliance with cGMP requirements.
- General safety testing.

√ Animal Facility:

- DEA Licensed.
- Ventilated caging systems.
- Client accessible surgical suite.

New Offerings & Services

- **DigiGait Imaging System***
 - Gait analysis of neurodegenerative animal models.
- **ECGenie Screening System***
 - Electrocardiograms and drug-induced arrhythmia detection in conscious mice.
- **Everbeat Heart Perfusion System***
 - Langendorff cardiotoxicity and cardiac function studies.
- **Metabolic studies**
 - Studies utilizing mice, rats, hamsters and guinea pigs.
- **Diagnostic Analysis of Samples:**
 - Complete Hematology Analysis:
RBC, WBC, PLT, MCV, MPV, HGB, HCT, MCH, MCHC, RDW, LYMF, MID, GRAN, etc.
 - Complete Chemistry Analysis:
Albumin, ALT, BUN, Calcium, Cholesterol, Creatinine, Glucose, Protein, Uric Acid, etc.
 - Complete Clinical Analysis:
Blood gases, acid-base balance, pH, electrolytes, etc.

**in conjunction with:*



Mouse Specifics, Inc.



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