

Vivo Bio Tech Ltd.

Your Drug Discovery Partner



ICMR-DHR Large Animal House Facility Center of Excellence

AMTZ Campus, Pragati Maidan,
VM Steel Project S.O,
Visakhapatnam, Andhra Pradesh - 530031, India

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ABOUT US

- Integrated preclinical service provider (successful submissions to USFDA)
- Authorized breeder and distributor of Taconic Biosciences (USA) - Rodent Models
- Authorized distributor of Cyagen Biosciences (USA) - Genomic Technologies
- CPCSEA Registered
- Authorized distributor of Dietex International / SDS (UK) - Lab Animal Diets
- SPF Guinea Pigs supplier (Breeders sourced from Elm Hill Labs)
- Largest lab animal supplier in India with specific pathogen free certification
- 140+ partners spread across Pharma, Biotech, CRO, Research Institutes, etc.,

Toxicology

General Toxicology

- Dose Range Finding
- Maximum Tolerated Dose
- Acute (All Routes)
- Skin Sensitization
- Inhalation
- Dermal Irritation / Corrosion
- Eye Irritation / Corrosion
- Local Tolerance
- Cytotoxicity
- HET-CAM Test
- Sub Acute
- Sub Chronic
- Chronic
- Reproduction
- Carcinogenicity

Mutagenicity

- AMES Test
- Cell Gene Mutation Test
- Chromosomal Aberration Test
- Micronucleus Test

Pharmacology

Xenograft Models

- Prostate Cancer
- Breast Cancer
- Lung Cancer
- Multiple Myeloma
- Colorectal Carcinoma (HT-29)
- Glioblastoma (U-87 MG)
- Ovarian Cancer

Syngeneic Models

- Breast Cancer (4T1)
- Melanoma (B16-F10)
- Colon Cancer (CT26.WT)

Other

- Anti-Fungal Efficacy Studies
- Psoriasis
- Full Thickness Skin Wound
- Colon Cancer (DMH Induced)
- Diet Induced Obesity (DIO)
- Thrombocytopenia
- Alopecia
- Immunogenicity Studies

Pathology

Clinical Pathology

- Haematology (Multi-species)
- Coagulation Analysis
- Clinical Chemistry
- Electrolyte Analysis
- Urine Analysis

Histopathology

- Routine / Specialized Necropsy
- Tissue Processing
- Slide Preparation
- Routine (H&E) / Special Staining
- Microscopic Imaging & Analysis
- Microscopic Evaluation
- Peer Review (On Demand)



MAJOR EQUIPMENT

- Biochemistry Analyser
- Haematology Analyser
- Urine Analyser
- Tissue Processor
- Automated Microtome
- Embedding station
- C-Arm
- X Ray Unit
- Anaesthesia Machine
- Heart Lung Machine
- Ventilator
- Cardiac Monitor





Beagle Dog

Swine





Beagle Dog Studies

- Oral and Intravenous Pharmacokinetic Study in Beagle Dogs
- Single Dose Oral Toxicity Study in Beagle Dogs
- Dose Range-Finding Study in Beagle Dogs by Oral and Intravenous routes.
- Repeated Dose 28 to 180 Days Toxicology Studies in Beagle Dogs
- In-vivo Thrombogenicity Study in Beagle Dogs as per ISO 10993-4 requirements for vascular medical devices.

Swine Models

- Full thickness excision/burn/incision wound model in Swine.
- Safety and Performance Evaluation of Cardiac Stent in Swine
- Checking Performance Characteristics of Dialysis Machines using Swine
- Development of Stand Alone Swine Models for Safety and Performance Evaluation of Medical Devices

Mechanical Models

- Mechanical Hemolysis of Hemodialysis tubing sets using Human Blood on Dialysis Machine





Contact us

Preclinical research Facility

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Vishakhaparnam

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