

GENVIVO

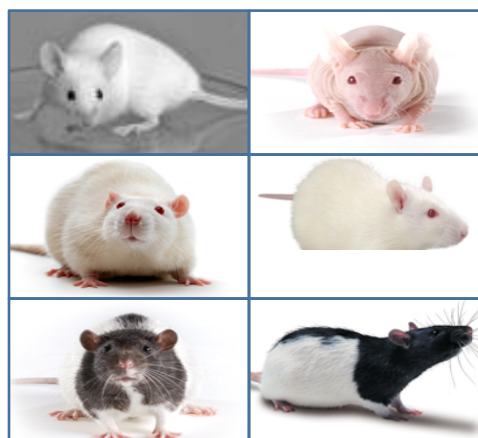
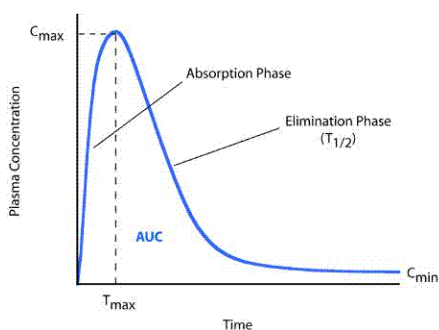
A Pre-Clinical Partnership

GENVIVO specializes in the pre-clinical assessments and evaluation of novel compounds, herbal extracts, alternative medicines or protein based biologics for the treatment of diabetes, obesity, inflammation, cancer, and neurological diseases. Genvivo brings leadership of over 30 years of drug discovery experience in small molecules, herbal extracts, alternative medicines and recombinant protein biologics utilizing conventional, gene knock-out, orthotopic, xenograft and transgenic animal models. At present GENVIVO offers over 100 animal models along with complimentary services such as cell based preclinical efficacy testing, pharmacokinetics studies, pharmacodynamics, and toxicology testing in vitro and in vivo. GENVIVO currently provides services in three major areas: Efficacy, Pharmacokinetics and Toxicology.

Efficacy Models

Over 100 animal models for various diseases

- Diabetes Type II
- Diabetes Type I
- Obesity
- Hyperlipidemia
- Rheumatoid Arthritis
- Inflammatory Bowel Disease
- Osteoarthritis
- Psoriasis
- Multiple Sclerosis
- Pain
- Schizophrenia
- Parkinson's
- Alzheimer
- Cardiovascular
- Cancer



Pharmacokinetics Studies

GENVIVO provides fast track PK studies in rodents (rats and mice). Our pre-GLP pharmacokinetic studies can save time and money during the stage of picking the right molecule for development. At present the following services are provided by GENVIVO:

- PK studies in rats and mice
- Multiple routes of administration
- Bioavailability comparison among analogs
- PK comparison with different routes
- Absolute and relative bioavailability of drugs
- PK with alternative formulations
- PK studies comparison in normal and disease-induced animals

Pre-GLP Toxicology Studies

- Maximum Tolerated Dose (MTD) Studies
- Acute Single Dose Toxicity Studies
- Repeated Dose Toxicity Studies
- Sub-Chronic Toxicity Studies
- Chronic Toxicity Studies
- Toxicokinetic Studies
- Cytotoxicity Studies
- Genotoxicity Studies
- Cell Based Toxicity Assays
- Dose Response Toxicity Assays
- Liver Hepatocytes Toxicity Assays
- Tissue Specific Toxicity Assays
- Ex-Vivo Toxicity Assays
- AMES and Mutagenesis
- Fertility Toxicity Studies