



Pharmacology Models

Therapeutic Areas

- Cancer
- Allergy
- Acute Lung Injury
- Asthma
- COPD
- Dermatitis
- Infectious Disease
(Influenza, RSV, Bacterial, Etc)
- Pulmonary Fibrosis
- Cystic Fibrosis
- Radiation Injury
- Spinal Cord Injury
- Traumatic Brain Injury
- Rare Disease
(Sickle Cell, CF, etc)

Lovelace Biomedical provides comprehensive **pharmacology** services to evaluate therapeutics in preclinical development for a wide range of indications. Our skilled scientific team routinely develops and refines **100+ models** of disease in both large and small animals, with the ability to create customized approaches for emerging drug classes.

Board-certified toxicologists (DABT) and pathologists (DACVP), and veterinarians (DACLAM) — as well as expert biologists, engineers, chemists, statisticians and technical staff also support preclinical studies to determine safety and efficacy.

Custom Animal Model Development

- Non-Human Primate
- Canine
- Guinea Pig
- Rabbit
- Rat
- Mouse
- Ferret
- Gottingen, Yucatan, Yorkshire Swine

Additional Expertise

- Allergy Canine Model used since 1980
- fMRI and Neuro capabilities used in brain injury
- BSL 1-3 lab used for medical countermeasures (chemical, radiological, nuclear, explosion)
- Significant infrastructure and competency for infectious disease
- Experience with commercial and government sectors