

Drug, Device, & Vaccine Development Services ♦ GLP & non-GLP ♦ Vivarium Services



Take advantage of our expertise in medical device development and keep your program efficiently moving forward.

Noble Life Sciences offers a wide range of GLP and non-GLP services to ensure both the efficacy and safety of medical devices.

With more than 15 years of medical device and GLP experience, our surgeons, board-certified veterinarians, and

AALAS-certified technicians stand ready to help you. We also provide research interventionalists to help with protocol development; catheter and device placement; and basic cardiology and electrophysiology. Our staff is dedicated to helping you complete your project in a timely and efficient manner.

MODEL OPTIONS

ORTHOPEDICS

- Joint Models
- Bone Defect Models
- Spinal Fusion Models

WOUND HEALING

- Full thickness defect
- Skin graft
- Burn models
- Diabetic models

CARDIOVASCULAR

- Myocardial infarction
- Heart valve
- Peripheral arterial disease
- Thrombosis
- Venous/arterial grafts
- Cardiac assist devices
- Microvascular surgery

TRAUMA

- Hemostasis

SPECIES OPTIONS

SMALL ANIMALS

- Mice, rats and cotton rats
- Guinea pigs and hamsters
- Rabbits and ferrets

LARGE ANIMALS

- Sheep and goats
- Domestic swine
- Mini pigs

SERVICE OPTIONS

- GLP and non-GLP protocol development
- Prototype evaluation
- Multi-species *in vivo* testing
- Novel preclinical model development
- Complex surgical procedures
- Regulatory support

CAPABILITIES

SURGERY

- Two surgical suites with recovery room, intensive care area, and preparation area
- Wide range of imaging, surgery and specialized equipment

LABORATORY

- Blood collection and processing
- Necropsy, histology, pathology/histopathology
- Clinical pathology – clinical chemistry, hematology, coagulation factor and urinalysis

IMAGING

- Biophotonic imaging system
- C-arm imaging scanner
- Radiography
- Computed Tomography
- Magnetic Resonance Imaging
- Ultrasound

OPERATIONS

- FDA inspected GLP facility
- Extensive set of SOPs
- AAALAC Accreditation
- OLAW Assurance
- USDA License

About Noble Life Sciences

Noble Life Sciences is a full-service preclinical contract research organization offering GLP and non-GLP services for the development of drugs, vaccines, and medical devices.

Preclinical *in-vitro* and *in-vivo* development services include PK and PD studies; ADME-Tox and biodistribution studies; immunization and immunogenicity testing; early safety assessment; reproductive and developmental toxicity testing; surgical services; medical device protocol development and testing; analytical and imaging services; and pre-clinical formulation development.

Our *in-vivo* services include the derivation and maintenance of animal breeding colonies, animal housing and husbandry, the development of disease and animal models including validated xenograft models, and the production of custom antibodies.

The company, with over 30 years of experience, is AAALAC accredited, OLAW compliant, USDA licensed, and FDA inspected.

For more information, contact us at info@noblelifesci.com or visit www.noblelifesci.com.