



# Preclinical Research Services

## Preclinical Ophthalmic Evaluations

Sinclair is expert at conducting GLP and Non-GLP Ophthalmic studies of simple to complex design in a variety of animal models for safety, efficacy and DMPK evaluations. Whether supporting the development of ophthalmic drugs, devices or drug eluting devices, Sinclair's unique combination of world class consulting veterinary ophthalmologists, technology, facilities, instrumentation and experience provide our clients with all the right tools:

### Study Services

- 🌀 Ocular Toxicology
- 🌀 Ocular Pharmacology
- 🌀 Efficacy
- 🌀 Drug-Eluting Implants
- 🌀 Laser Induced Glaucoma
- 🌀 Ocular Infection
- 🌀 Fundus Evaluation
- 🌀 Vitreoretinal Surgery
- 🌀 ERG
- 🌀 Ocular DMPK with Radiolabeled Test Articles
- 🌀 Biocompatibility 10993 and 9394 studies

### Specialized Animal Models

- 🌀 Elevated IOP in Miniature Swine
- 🌀 Degenerating Retinopathy in Cats
- 🌀 Regressing Melanoma-Induced Iridocyclitis in Sinclair Miniature Swine

### Ocular Routes of Administration

- 🌀 Topical
- 🌀 Intravitreal
- 🌀 Intracameral
- 🌀 Subretinal Injection, including Stem Cells
- 🌀 Subconjunctival
- 🌀 Drug-Eluting Device Implantation

### Support Personnel, Equipment, Facilities and Services

- 🌀 Board Certified Veterinary Ophthalmologists
- 🌀 Board Certified Veterinary Pathologists
- 🌀 Tonometry
- 🌀 Espion ERG from Diagnosys LLC
- 🌀 RetVet® Hand-held ERG Units
- 🌀 Slit Lamp Biomicroscope
- 🌀 Indirect Ophthalmoscope
- 🌀 Digital Imaging (Anterior and Posterior Segments)
- 🌀 Two Surgical Complexes/Four Surgical Suites
- 🌀 Trained and Experienced Technical Staff
- 🌀 Ocular Histopathology Support
- 🌀 Dedicated Necropsy Suite
- 🌀 GLP-compliant
- 🌀 AAALAC Accredited since 1994
- 🌀 Large Capacity for Chronic Housing of Animals Models in a GLP Compliant Environment

Sinclair is proud to have assembled an exceptional combination of resources for pre-clinical in-vivo evaluation of ocular therapeutics. Contact us today to discuss your ocular development program!