

# Canine Patient Recruitment

As of May, 2019

If you would like additional information regarding a clinical trial, please contact us at:

**Email:** [VeterinaryClinicalTrials@purdue.edu](mailto:VeterinaryClinicalTrials@purdue.edu)

**Phone:** [\(765\) 496-9715](tel:(765)496-9715)

**Fax:** [\(765\) 496-1108](tel:(765)496-1108)

If you believe your pet is eligible for a specific study, we recommend that you contact your veterinarian and request a referral. However, a referral is not required to participate in a clinical trial.

To make an appointment at the [Small Animal Hospital](#) please call [\(765\) 494-1107](tel:(765)494-1107).

## Behavior

### Canine Aggression Study in Labrador Retriever, Beagle and Standard Poodle

- **Description:** This study is to compare genetic and behavior information between human directed aggressive dogs and non-aggressive (to both humans and animals) dogs in three different breeds to see if potential genetic and/or biomarkers may be identified.
- **Eligibility:** Pure bred Labrador Retrievers, Beagles, or Standard Poodles that are either affected dogs (human aggressive dogs) or control dogs (no aggression toward humans or animals) are eligible.
- **Financial Incentive:** No cost for collection of samples (blood). Blood collection can also be performed at the primary veterinarian office and shipped to us (cost for blood collection and shipping will be covered).
- **Primary Investigator:** Dr. Niwako Ogata

### Reducing stress in dogs during a veterinary examination

- **Description:** This study is to determine the effectiveness of the single oral dosing of gabapentin in reducing stress in dogs during a veterinary examination.
- **Eligibility:** To be eligible for participation in this study, dogs must weigh between 15 kg to 25 kg and be 1.5 years to 7 years old. Both male and female, intact, spayed or neutered will be included. Dog must be clinically healthy determined by pre-screening bloodwork, and not being treated with any medication other than internal and external parasite preventatives.
- **Financial Incentive:** All dogs will receive a complete bloodwork testing (CBC, Chemistry profile) worth \$110 for no charge. The owner will be responsible for all other appropriate medical fees.
- **Primary Investigator:** Dr. Niwako Ogata and Dr. Ori Stollar

## Dermatology

### Atopic Dermatitis in Dogs

- **Description:** The purpose of this study is to investigate the structure of the skin in dogs with atopic dermatitis. Skin biopsies and blood from dogs with atopic dermatitis and controls will be analyzed (immunofluorescence,

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RNA isolation, lipids and protein isolation). A better understanding of the disease may lead to new and improved treatments.

- **Eligibility:** Any dog with clinically confirmed atopic dermatitis or a non-AD skin condition. Dogs must not have been treated with immunosuppressive or anti-inflammatory medication for at least two weeks.
- **Financial Incentive:** There is no compensation for participation in this study; however, the biopsy and blood work are performed at no cost to you.
- **Primary Investigator:** Dr. Paulo Gomes

## Superficial Pyoderma in Dogs

- **Description:** This study compares a novel antimicrobial treatment to standard treatment of superficial pyoderma (skin infection) in dogs. Preliminary studies show that the new treatment is as good as or better than standard antibiotic treatment, and does not cause antibiotic resistance. Enrolled dogs are randomly assigned to standard treatment or the new treatment. The goal is to improve treatment for skin infections while decreasing the problem of antimicrobial resistance.
- **Eligibility:** Dogs with superficial pyoderma are eligible (baseline skin culture and swab are collected). Dogs with diarrhea, immune-mediated diseases, inflammatory bowel disease, or certain abnormal laboratory tests are excluded.
- **Financial incentive:** There is no compensation for participation in the study. However, the costs of the skin culture and swab, other laboratory tests (CBC, serum chemistry, urinalysis), and the tested medications for the superficial pyoderma are covered by the study. Any diagnostic tests, treatments, or other veterinary care done outside of the PUVTH or any expense not related to this study must be paid for by the pet owner.
- **Primary investigators:** Drs. Paulo Gomes and Lynn Guptill

## Genetics

### Genetic Studies of Naturally-Occurring Inherited Traits and Diseases in Dogs and Cats

- **Description:** The objective is to investigate and find the genetic cause of various diseases/conditions/traits. At this time, we are specifically enrolling dogs of several breeds.
- **Eligibility:** Eligibility is determined on a study-by-study basis. For the current study, we are interested in purebred Basenjis, Boston Terriers, Bulldogs, Chow Chows, English Toy Spaniels, French Bulldogs, Icelandic Sheepdogs, Keeshonds, Norwegian Buhunds, Norwegian Elkhounds, Pugs, and Shiba Inus. Dogs of any age and health status qualify. We almost never turn down a sample, as it is always useful to have DNA banked from dogs of all breeds.
- **Financial Incentive:** If/when a genetic test for a specific trait or disease is developed, owners of dogs enrolled in the research (before commercialization of any test), will receive free test results for the enrolled dog or cat.
- **Primary Investigator:** Dr. Kari Ekenstedt and Dr. Dayna Dreger

## Neurology

### MRI for dogs Suspected to Have Brain Tumors

- **Description:** A study to develop MRI in the diagnosis of dogs with brain tumors.
- **Eligibility:** Any dog that is suspected to be suffering from a brain tumor. Examination by the Neurology & Neurosurgery service must confirm the suspicion of a brain tumor and eligibility for the study. Bloodwork and

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chest radiographs (from within the last month) must have already been performed – these may be performed at the referring veterinarian office before the appointment at Purdue.

- **Financial Incentive:** The cost of the MRI is significantly reduced.
- **Primary Investigator:** Dr. Timothy Bentley

## Gastro Protectant Therapy in Dogs after Back Surgery

- **Description:** The purpose of this study is to determine how common it is for dogs undergoing surgery for an acute disc herniation (slipped disc) in their back to develop symptoms of gastrointestinal (GI) injury. The study will evaluate whether omeprazole, a GI protective medication, is beneficial in reducing the occurrence of GI signs when used for several days around the time of the surgery.
- **Eligibility:** Dogs that have suffered an acute thoracolumbar disc herniation resulting in the inability to walk or paralysis with intact pain perception will be recruited. Dogs must be between 1-10 years of age and weigh between 3-20 kilograms.
- **Financial incentive:** The cost of the omeprazole and study-specific blood and fecal tests will be performed at no cost to the owner. In addition, a credit of \$500 will be applied to the dog's hospital bill. The owner will be responsible for all other costs associated with the dog's hospitalization including treatment of GI symptoms, bloodwork, imaging, and surgery.
- **Primary Investigator:** Dr. Melissa Lewis and Dr. Jaya Mehra

## Oncology

### POOF Clinical Trial- (Piroxicam with Omeprazole Or Famotidine)

#### Dogs with Cancer Treated With Piroxicam

- **Description:** A study to compare two commonly used gastroprotectants - famotidine and omeprazole – in dogs with cancer treated with piroxicam.
- **Eligibility:** Any dog with a biopsy-confirmed diagnosis of cancer. Dogs with pre-existing kidney dysfunction or receiving gastroprotectants will not be enrolled. A 2-week washout period is required for dogs treated with radiation therapy, chemotherapy, or a different non-steroidal anti-inflammatory drug (NSAID).
- **Financial Incentive:** Office visits and labwork will be eligible for a research discount. An additional incentive of approximately \$65 per visit will be provided.
- **Primary Investigator:** Drs. Christopher Fulkerson and Marejka Shaevit

## Ophthalmology

### Golden Retriever Pigmentary Uveitis (PU)

- **Description:** A study to better understand the disease progression of PU and establish a DNA bank of samples from both affected and normal Golden Retrievers.
- **Eligibility:** Any purebred Golden Retriever.
- **Financial Incentive:** There is no compensation for participation in this study. However, the ocular examination is performed at no cost to you.
- **Primary Investigator:** Dr. Wendy Townsend

## Orthopedics

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## Polyarthritis – Folate-receptor Targeted Drug Delivery

- **Description:** A study to evaluate a new folate-receptor drug complex for the treatment of immune mediated polyarthritis in dogs. The drug has strong anti-inflammatory activity, similar to the new rheumatoid arthritis drugs for humans.
- **Eligibility:** Dogs with naturally occurring immune mediated polyarthritis.
- **Financial Incentive:** All costs related to the diagnosis and rechecks through the 16 week recheck will be reimbursed to the owner. The owner is responsible for the cost of the initial visit for diagnosis. During this visit the scintigraphy will be done free of charge. Once the diagnosis of immune mediated polyarthritis is made, the owner will be advised about eligibility for enrollment.
- **Primary Investigator:** Dr. Gert Breur