

## Is your dog at least 5 years old & larger than 10 kg? *This might be the study for you!*

The NC State University College of Veterinary Medicine Translational Research in Pain (TRiP) program is interested in ANY DOG (with or without mobility problems) 5 years or older and weighing at least 10 kg to evaluate the relationship between intestinal permeability and multiple joint osteoarthritis.



### **PARTICIPATION**

- Initial visit includes: x-rays of every joint; physical, orthopedic, and neurologic examinations; full comprehensive blood work!
- The second visit will measure intestinal permeability using a protocol that involves oral administration of a contrast agent and subsequent small blood draws for a few hours.
- Dogs will be fitted with a 'fit-bit' to monitor activity throughout the study.
- You will then have the opportunity to enroll in an 8-month biomarker follow-up study (visits every 2 months), or a 3-month prebiotic supplement follow-up study (visits monthly). You can actually enroll in both studies, back-to-back, for two gift cards, if desired!
- A smaller subset of dogs in the follow-up studies will be offered an additional follow-up study, if desired, of colonic endoscopy and biopsies, for an additional gift card!

### **STUDY BENEFITS**

- **FULLY-FUNDED.** X-rays, veterinary exams, lab work, prebiotic supplements, and colonic endoscopy (for the smaller subset of dogs).
- **THANK YOU GIFT CARDS** provided for each follow-up study completed

**INCLUSION & EXCLUSION CRITERIA** - To participate, your dog:

- Must be 5 years of age or older and weigh at least 10 kg
- Must be healthy enough to undergo sedation and receive contrast agent by mouth
- Cannot be on NSAID analgesic therapy for a total of 7 days

**To inquire about participation, reach out to:**

**TRiP lab contact Tracey Cole: (919) 513-6376 at [tcole@ncsu.edu](mailto:tcole@ncsu.edu)**