

Investigating Neuronal Network Connectivity in Dogs with Idiopathic Epilepsy using Functional MRI



Now Seeking Participants

We are recruiting dogs that have experienced seizures and are ***not*** receiving any anti-seizure drugs, for a study evaluating functional MRI in dogs with idiopathic epilepsy. The study is being led by Dr. Karen Muñana, and the NC State College of Veterinary Medicine Companion Epilepsy Research Laboratory, with funding from the AKC-Canine Health Foundation.

Inclusion Criteria:

- History of 2 or more seizures noted at least 24 hours apart
- Age at seizure onset of 6 months and 6 years
- Normal physical examination
- No other known medical disease
- Administration of no antiseizure drugs within the last 30 days
- Minimum body weight of 40 pounds

Study Benefits (at no cost to the owner):

- Physical and neurological examination
- Labwork including complete blood count and biochemistry profile
- MRI scan of the brain (conventional scan to evaluate for structural brain abnormalities, and functional MRI scan for study purposes), and cerebrospinal fluid (CSF) collection and analysis (includes all anesthesia and hospitalization fees)

For more information or to enroll your dog, email cvmepilepsy@ncsu.edu or call 919-513-6812

go.ncsu.edu/epilepsyresearch