Since its inception in 2013, the UC Davis Veterinary Center for Clinical Trials (VCCT) has completed dozens of studies, and more than 100 new trials are currently being conducted. VCCT works closely with the Veterinary Medical Teaching Hospital (VMTH) and other campus institutions including the School of Medicine, the Clinical and Translational Science Center, the Center for Companion Animal Health, the Center for Equine Health, and the Veterinary Institute for Regenerative Cures. Clinical investigators have active trials aimed at advancing medical care for veterinary patients in a variety of disciplines, including oncology, neurology/neurosurgery, ophthalmology, dermatology and cardiology.

While the VMTH provides the highest standard of care through conventional methods, clinical trials allow UC Davis veterinarians to evaluate new scientific breakthroughs that have the potential to improve the diagnosis and treatment of diseases. Veterinary clinical trials through the VCCT assess promising new treatments, drugs or procedures, but only after preliminary studies have established that the new methods are safe and have the potential to work better than existing protocols.

For more information about the VCCT and the current clinical trials at UC Davis, visit www.vetmed.ucdavis.edu/clinicaltrials or email vetclintrials@ucdavis.edu.

A few current trials at UC Davis include:

**Osteosarcoma in Dogs**
Dr. Michael Kent is recruiting for a new clinical trial for dogs diagnosed with osteosarcoma. The trial focuses on finding a way to slow or stop the spread of the tumor to the lungs. Owners are encouraged to enroll any dog diagnosed with or strongly suspected of having osteosarcoma in the pelvis or one of the legs.

**Osteoarthritis in Dogs**
Dr. Duane Robinson is recruiting for osteoarthritis in dogs. The primary purpose of this study is to test two investigational medications to determine if either one, or both, work to potentially decrease signs of pain of osteoarthritis in dogs.

**Bilateral Corneal Stromal Loss in Friesian Horses**
Dr. Mary Lassaline is recruiting for a new clinical trial for Friesian horses diagnosed with bilateral corneal stromal loss (BCSL). The trial focuses on determining the incidence of BCSL in the breed and the mode of inheritance if a single gene is involved, and identifying candidate genes for further investigation. Owners are encouraged to enroll Friesian horses with and without the diagnosis of BCSL.

**Soft Tissue Sarcoma or Melanoma in Dogs**
Dr. Michael Kent is recruiting for dogs diagnosed with either soft tissue sarcoma or melanoma. The trial will focus on treating dogs with combined immunotherapy and radiation therapy at the primary tumor site to see if the immune system is induced to attack the tumor and prevent metastasis. Owners are encouraged to enroll their dogs if they have not had radiation therapy previously at the primary site.

**Leopard Complex Spotting in Appaloosa Horses**
Dr. Rebecca Bellone is recruiting for leopard complex spotting in Appaloosa horses, which is characterized by the progressive loss of pigment and has been associated with uveitis and night blindness in several breeds of horses. Two genes have been previously implicated in the loss of pigment in Appaloosas. This trial will investigate the morphology of the pigment producing cells (melanocytes) and determine if any ultrastructural differences exist among varying Appaloosa genotypes.