

## The Immune System Response to Valley Fever in Dogs

Valley Fever is a fungal disease seen in parts of the desert Southwestern United States. It affects a variety of species, including humans and dogs. As part of our development of a vaccine for Valley Fever, we are hoping to learn how a dog's immune system responds to the fungus.

With generous funding from the American Kennel Club's Canine Health Foundation, we are collecting blood samples from community owned dogs. Samples collected from dogs outside of the endemic region will be used as a "baseline" for our assay, as these dogs should have no immune response to the fungus.

Dogs participating in this study should:

- Be between 6 months and 10 years of age
- Be in generally good health
- Be over 10 pounds (4.5 kg)
- Have no known purchase or travel history to Arizona, California, Texas, New Mexico, Nevada, and Utah.

Participation in the study involves the collection of a blood sample that will then be shipped to our facility. There is no cost to owners to participate.

If you have any questions about your dog's qualifications for this project, or if you would like more information, please contact either

- Dr. Lisa Shubitz, 520-626-8198, [lfshubit@email.arizona.edu](mailto:lfshubit@email.arizona.edu)
- Dr. Christine Butkiewicz, 520-626-6527, [cbutkiew@email.arizona.edu](mailto:cbutkiew@email.arizona.edu)