



Dr. Cheryl Davis

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Research Interests:

Immunobiology of host/parasite relationships.

Impact of Pro-oxidant Diet During Murine Infection With *Toxoplasma gondii*
Microarray analysis of gene expression.

Tick-borne and parasitic disease surveillance.

Surveillance of tick-borne pathogens in Kentucky (Lyme, ehrlichiosis, Rocky Mountain spotted fever, and anaplasmosis).

Biological and molecular characterization of *Trypanosoma cruzi* isolated from wild trapped raccoons and opossums.

Determining the prevalence of *Trypanosoma cruzi* and other vector-borne pathogens in Kentucky canines.

