"Arthropod-Rickettsia interactions: ecological and molecular analysis"

Kevin Macaluso, PhD
LSU School of Veterinary Medicine

Dr. Macaluso will discuss the mechanisms of rickettsial infection in the tick and transmission to vertebrate hosts, as well as present research describing an emerging flea-borne rickettsial disease.

Dr. Kevin Macaluso is a Professor in the Department of Pathobiological Sciences at the LSU School of Veterinary Medicine. His lab’s research interests center on the ecology and epidemiology of tick- and flea-borne rickettsial infections, looking at the molecular interactions between bacteria and arthropods that contribute to transmission.