Biomedical Sciences Seminar
Cosponsored by Neuroscience

presents
Defining the genetic basis of flavivirus host-specificity and the discovery of novel mosquito-associated viruses

Guest Speaker: Bradley J. Blitvich – Iowa State University

Thursday January 16th

WHEN: 12:00pm-1:00pm
WHERE: Vet Med Room 2226
HOST: Swamy

PIZZA SERVED IN FISH TANK LOBBY

Seminar Details
Bradley Blitvich is a Professor in the College of Veterinary Medicine at Iowa State University in Ames, Iowa in the U.S. The major focus of his research program is to investigate the public and veterinary health impact, emergence, epidemiology, and transmission dynamics of mosquito-transmitted viruses such as Zika, chikungunya and dengue viruses. The following topics will be covered in his research seminar.

Discovery of novel mosquito-transmitted and mosquito-specific viruses in the United States and Mexico using traditional approaches and next-generation sequencing; public and veterinary health impact of mosquito-transmitted viruses in Mexico; progress towards the identification of the genetic elements that condition the differential host ranges and transmissibilities of mosquito/vertebrate-, mosquito-specific and vertebrate-specific flaviviruses; Transovarial transmission potential and tissue tropisms of mosquito-specific flaviviruses

Next Week's Speaker: Elizabeth McNeill, PhD
Topic: “Using the broad resolving power of the electron microscope to drive vaccine design”