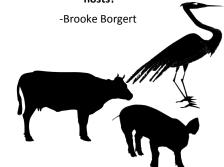
Figure of Viremia profiles

What are the Japanese encephalitis virus viremia profiles in different hosts?



Viromia

< 300
 301-800
 601-1200
 1201-3000
 > 3000
 Culex Mosquitoes
 Feral Swine

Black-crowne
Black-crowne

Manatee County Florida

If introduced, could Japanese encephalitis virus invade Florida?

-Jess Rowland

How is Japanese encephalitis virus maintained in a an unusual transmission context?

Which host and vector species are involved in Japanese encephalitis virus transmission in Bangladesh?

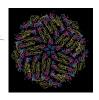
- Jennifer Lord



Methods we use:

- Statistics
- Mathematical Modeling
- Molecular Virology
- Geographic Information Systems
- Field Epidemiology
- Mosquito Trapping Techniques
- Field Biology

How do changes in nitrogen and phosphorus within a mosquito affect its ability to acquire and transmit West Nile Virus?



What are the effects of phosphorus on the rate of molecular evolution of West Nile Virus?

-Gabriela Blohm



Has Japanese encephalitis virus reached to the animal and human community in mountain districts of Nepal?

-Ajit Kumar Karna

Which trapping method is ideal for collecting blood fed mosquitoes?
-Biswadeep Dhar

