1:45 p.m. Transmission of ranavirus between ectothermic vertebrate hosts
Roberto Brenes (University of Tennessee)

2 p.m. Stress effects on susceptibility and transmission of ranavirus infection in amphibians
Robin Warne (Southern Illinois University)

2:15 p.m. Temperature affects anuran susceptibility to ranavirus
Mabre Brand (University of Tennessee)

2:30 p.m. Coffee Break

2:45 p.m. DISCUSSIONS ON SYMPOSIUM OVERVIEW TOPICS

Diagnosis, Treatment and Management – Led by Allan Pessier – Location: Pan 2
Ecology and Epidemiology – Led by Matthew Gray – Location: Medallion Room

3:45 p.m. SUMMARY FROM THE DISCUSSIONS ON THE OVERVIEW TOPICS
Led by – Trent Garner, Debra Miller, Jacques Robert, Allan Pessier, and Matthew Gray

4:45 p.m. Synthesis of Meeting and the Role of the GRC
Matthew Gray
Director of the Global Ranavirus Consortium
(University of Tennessee)

Field Trips – July 29, 2013 (7 a.m. – 4 p.m.)
Using dogs for ranavirus surveillance and box turtle health assessments
Leader: Matthew Allender, DVM, MS, PhD, Dipl. ACZM; University of Illinois

Ranavirus Surveillance in the Great Smoky Mountains National Park
Leader: Matthew Gray, PhD; University of Tennessee

Note: Vans will depart outside of Holiday Inn lobby at 7 a.m. Reservations required (see registration desk).

Resources from the Symposium can be downloaded at: http://fwf.ag.utk.edu/mgray/ranavirus/ranavirus.htm or http://ranavirus.com/

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Keynote Address
Professor Rick Speare has done applied research for 35 years on control of communicable diseases in humans and other animals. In 1989, Rick discovered the Bühle Iridovirus, the first amphibian ranavirus found in Australia. In 1998, he was part of the team that proposed that amphibian declines in tropical Australia and in Central America were due to a strange novel pathogen, the amphibian chytrid fungus. Rick continues doing research on amphibian diseases along with projects on tuberculosi, soil transmitted helminths, head lice, veterinary infection control, and flying foxes. He is actively involved in research capacity strengthening in the Pacific, particularly Solomon Islands and Papua New Guinea.

The Global Ranavirus Consortium and Symposium organizers welcome you to the Second International Symposium on Ranaviruses!
After the success of the first symposium in 2011, organizers began planning for the Second International Symposium on Ranaviruses. This event features more than 25 presentations delivered by researchers, veterinarians, postdoctoral research associates and students from Asia, Australia, North America, South America and Europe, totaling 11 countries. Each day will end with breakout sessions, where participants have the opportunity to discuss relevant issues or topics raised during the preceding sessions. The goal of these sessions is to identify urgent research directions, reoccurring issues with ranavirus research and diagnostic cases, and immediate outreach education needs. In addition, a poster session will be held during the social on Saturday evening; there will be more than 35 poster presentations from 10 countries. Light hors d’oeuvres and refreshments will be provided.

Ranaviruses: An emerging threat to ectothermic vertebrates
The scientific community is increasingly aware that emerging infectious diseases pose a significant threat to global biodiversity. A group of viruses in the genus Ranavirus (Family Iridoviridae) cause disease in amphibians, reptiles, and fish, and appear to be an emerging threat in some populations. Widespread die-offs have sparked a diversity of research programs addressing the ecology and evolution of ranavirus-host interactions, potential reservoirs and transmission dynamics, molecular techniques for identifying and characterizing ranaviruses, immunological and histopathological responses to infection, hypothesized causes for emergence, and potential conservation strategies to thwart outbreaks. The goal of this symposium is to share current knowledge, forge new collaborations, and provide direction on future research and outreach education needs. We thank you for participating!