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## THERAPEUTIC DRUG RESEARCH

Tuesday, February 14 11:30 – 3:15 Room 106  
Chairs: David Straus and Jim Bowker

- 11:30 Renate Reimschuessel**  
DEVELOPING DISEASE MODELS FOR AQUACULTURE DRUG APPROVALS
- 11:45 J. Alan Johnson**, James B. Rudacille  
HATCHERY COMPARISON OF THERAPEUTANTS TO REDUCE MORTALITY IN FINGERLING  
WALLEYE *Sander vitreus* CAUSED BY COLUMNARIS DISEASE *Flavobacterium columnare*
- 12:00 Lauretta Osunde**, Shawn D. Coyle, Leigh Anne Bright, James H. Tidwell  
HYDROGEN PEROXIDE ( $H_2O_2$ ) MAY HAVE POTENTIAL FOR USE AS AN ALGAECIDE AND PH  
CONTROL AGENT IN FRESHWATER PRAWN PONDS
- 12:15 Melissa Hobbs**, Richard Grippo, Jerry Ferris, Billy Griffin, Gerald Ludwig, Lora Harding  
ENVIRONMENTAL FATE AND EFFECTS OF THE AQUACULTURE THERAPEUTANT POTASSIUM  
PERMANGANATE
- 12:30 Thomas A. Bell**, James D. Bowker, Greg Kindschi and Molly Bowman  
COMPARISON OF CALCEIN IMMERSION AND MEDICATED FEED TO MARK SHOVELNOSE  
STURGEON *Scaphirhynchus platorynchus*
- 12:45 Sunny Ferrero, Bill Davin**  
EFFICACY OF ISOEUGENOL AS AN ANESTHETIC FOR VARIOUS SPECIES OF FISHES
- 1:00 LUNCH**
- 2:00 Terence Barry**, Padma Marwah, Ashok Marwah, Henry Lardy  
MEASUREMENT AND STABILITY OF MT [17 $\alpha$ -methyltestosterone] IN FISH FEED, AND  
MEASUREMENT AND BIODEGRADATION OF MT IN THE AQUATIC ENVIRONMENT
- 2:15 James Bowker**  
NATIONAL AQUACULTURE DRUG RESEARCH FORUM UPDATE
- 2:30 M. Peter Marian**, T. Sivaram, M. Michael Babu, G. Immanuel  
APPLICATION OF BIOMEDICINES IN ECO-FRIENDLY AQUACULTURE
- 2:45 Andrew J. Mitchell**, Thomas Brandt  
THE EFFECTS OF CHEMICAL TREATMENTS ON *Melanoides tuberculatus*, A SNAIL THAT VECTORS  
IMPORTANT FISH TREMATODES
- 3:00 Abel Carrias**, Jeff Terhune, Christopher Sayles, Jesse Chappell  
EVALUATION OF THE LIVE ATTENUATED VACCINE AQUVAC ESC® AND THE EFFECTS OF A  
PRIMARY NURSERY PHASE IN THE PRODUCTION OF CHANNEL CATFISH FINGERLINGS IN  
EARTHEN PONDS