The American Academy of Veterinary Pharmacology and Therapeutics

AAVPT 2011 17th Biennial Symposium
May 22 - 25, 2011, Lowell Center, University of Wisconsin-Madison

Program Highlights

**Sunday, May 22, 2011**
12:00 – 3:30 pm: Aquaculture session
- Approved Drugs and Unmet Needs in the US (Roz Schnick)
- Unique Aquatic Drug Pharmacology & PK (Bill Hayton & FDA-CVM)
- Aquatic Animal Drug Approval Partnership (Mark Gaikowski)
- Advances in Minor Use, Minor Species Drug Approval & Regulations (FDA-CVM)
- Aquaculture Operation Tour with Fish Fry Social

**Monday, May 23, 2011**
8:00 – 12:00: Veterinary Pharmacology Curriculum in Veterinary Schools
- Overview of current pharmacology teaching in professional programs in the US (Dawn Boothe)
- Clinical Competencies/Foresight Report/NAVMEC (Lizette Hardie)
- Technology for teaching and learning (Les Howles)
- Discussion on developing a model curriculum for pharmacology (Panel)
1:00 – 5:00 pm: Large-Molecule Pharmacology
- Introduction to the large-molecules current research (Tom Modric)
- Biologics or DNA Vaccines (Honghui Zhou)
- Assay Validation for Macromolecules (Chris Beaver)
- Veterinary vaccines: alternatives to antibiotics (Volker Gerdts)
- Vaccine delivery and economic reality of vaccine development (Terry Bowersock)
- T-Cell Receptor Peptide Therapy for Atopy (Dan Gingerich)
- Wine & Cheese Reception and Poster Session

**Tuesday, May 24, 2011**
8:45 – 12:00: Pharmacovigilance
- Veterinary Pharmacovigilance in the US - Industry Perspective (Mark Novotny)
- Veterinary Pharmacovigilance in the US - Industry Perspective (Tracey Ward)
- Veterinary Pharmacovigilance in the US - FDA Perspective (John Baker)
1:00 – 5:00 pm: Cytochrome P450 in Veterinary Medicine
- Review of history, nomenclature, roles of CYPs in DDI (Lauren Trepanier)
- Role of CYPS in drug metabolism (tissue sites, target substrates) (Butch KuKanich)
- Emerging role of CYP 450 pharmacogenetics in patient care - FDA perspective (Marilyn Martinez)
- Emerging role of CYP 450 pharmacogenetics in patient care - industry perspective (Jane Owens)
- Awards Banquet and Silent Auction
Wednesday, May 25, 2011
8:00 – 12:00: CYP-450 in Veterinary Medicine – cont.

- Comparative aspects of CYP substrates/inhibitors (Charles Locuson)
- Methods of studying CYP enzymes (Charles Locuson)
- Role of SNPs in altering drug metabolism/drug interactions (Michael Court)
- Update on CYP genetics in cattle (Mauro Dacasto)

In addition, as 2011 marks the 33rd anniversary of the Academy, as well as the 20th anniversary of our sister-organization, the American College of Veterinary Clinical Pharmacology (ACVCP), the program committee is planning to make the symposium a memorable occasion by highlighting the history and activities of the founders and original members of both the Academy and the College during this meeting.

2011 Symposium Organizing Committee thanks you for considering your participation:

Dawn Boothe  Carol Davis
Ralph Claxton  Katrina Mealey
Cynthia Cole  Sanja Modric
Virginia Fajt  Lesley Rausch
Anthony Lucas  Michele Sharkey

The American Academy of Veterinary Pharmacology and Therapeutics

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