Veterinary medicine is reliant on safe, effective vaccine delivery to elicit protection for individual animals and populations of animals to safeguard animal and human (public) health. Consequently, a large number of killed and modified live single and multivalent vaccines are commercially produced for veterinary administration. This session will provide an overview of veterinary vaccine successes and failures, vaccine formulations, delivery systems, and efficacy to inform clinicians, diagnosticians, future vaccine development and comparative vaccinology.

Saturday – June 24, 2017 - 8:30 a.m. to 3:30 p.m. – Hall of Ideas HI
Convenor: Susan VandeWoude, Colorado State University, Fort Collins

*Admittance will not be permitted without meeting and satellite registration as displayed on nametags

8:30 – 9:10 AM  
**Keynote Address**  
Combating Infectious Diseases: First to Know and Fast to Market;  
**Industrial Strategies for Veterinary Vaccine Development**  
Mahesh Kumar, Zoetis, Inc.

9:15 – 9:45 AM  
**Vaccination for Companion Animals: State of the Art**  
**Vaccination Against Retroviral Diseases in cats: FeLV and FIV**  
Edward A. Hoover, Colorado State University

9:50 – 10:30 AM  
**Canine Influenza Vaccine Development**  
Cynthia Crawford, University of Florida

10:30 – 10:55 AM  
**Break**

10:55 – 11:30 AM  
**Administration of Vaccines to Wildlife for Public Health Applications**  
**Development and Evaluation of Rabies Vaccines for Deployment via Oral Bait**  
Susan Nadin-Davis, Canadian Food Inspection Agency, Canada

11:35 – 12:00 PM  
**Vaccinating Camels for MERS-CoV to Break Zoonotic Transmission**  
Danielle Adney, Colorado State University

12:00 – 1:00 PM  
**Lunch**

1:00 – 1:30 PM  
**Vaccination in Intensive Livestock Management: Successes and Challenges**  
**Vaccination Against Bovine Respiratory Disease: Efficacy and Practical Challenges**  
Amelia R. Woolums, Mississippi State University

1:35 – 2:05 PM  
**Vaccination Practices for Sheep Orbivirus (Blue Tongue Virus)**  
Christie Mayo, Colorado State University

2:10 – 2:45 PM  
**Marek’s Disease Vaccines – History, Future Directions, and Implications on Other Non-sterilizing Vaccines**  
Hans H. Cheng, USDA-ARS, Michigan State University

2:50 – 3:30 PM  
**Developing the Next Generation of Safe and Effective Veterinary Vaccines - a Regulatory Perspective**  
Veronika von Messling, Paul-Ehrlich-Institut, Germany