Stanford One Health Symposium 2016

Li Ka Shing Conference Center, Berg Hall
Bringing the Health Sciences Together

Registration/Continental Breakfast:
Doors open at 7:00 am

Morning Session (8:00 am to 12:20 pm):

Introduction:
8:00 – 8:05 – Donna Bouley, DVM, PhD, DACVP (Stanford)

Key Note:
8:05 – 8:35 – Srirama Rao, PhD (University of Minnesota):
The vision of One Medicine One Science in promoting One Health

Session 1: Influenza, a multi-species perspective
8:35 – 8:45: Lucy Tompkins, MD, PhD, FIDSA, FSHEA (Stanford):
Clinical aspects of influenza: 2016 update
8:45 – 9:05: David Lewis, MD (Stanford):
Mechanisms of Influenza Virus-Induced Immunopathology and its Prevention by Vaccination:
Lessons from the Murine Model
9:05 – 9:25: Purvesh Khatri, PhD (Stanford)
Accelerating translational medicine using publicly available heterogeneous data
9:25 – 9:45: Dave Horohov, MS, PhD (Gluck Center - Lexington, KY)
The effect of advanced age on immune function in the horse: a comparative model for
immunosenescence and inflammaging.
9:45 – 10:05: Ed Dubovi, MS, PhD, Honorary DACVM (Cornell):
Canine influenza virus 2015: A foreign animal disease
10:05 – 10:25: Panel Discussion

------------------ Refreshment Break 10:25-10:40 ----------------------

Poster Viewing

Session 2: Epilepsy and Seizure Prediction
10:40 – 11:00: Stephen Felt, DVM, MPH, DACLAM, DACVPM (Stanford):
Pork Tapeworm-Associated Epilepsy in Rural China: A Problem Worth Solving?
11:00 – 11:20: Ned Patterson, DVM, PhD, DACVIM (University of Minnesota):
Seizure detection and forecasting in naturally occurring canine epilepsy as a translational
model

11:20 – 11:40: Martha Morell, MD, FAAN (Stanford):
Brain-responsive stimulation for the treatment of epilepsy

11:40 – 12:00: Paul Buckmaster, DVM, PhD (Stanford):
How do seizures start? Lessons from rats

12:00 – 12:20: Panel Discussion

----------------------------------- Lunch 12:20-1:30 -----------------------------------

Lunch Working Session 12:45 – 1:30
Participants will work with others at their table to discuss the following factors that may influence the disease they research (or conference research topics) that they may not have previously considered:

Environmental factors that impact disease; Cultural impacts on disease; Education/resources; Other?

Afternoon Sessions (1:30 pm to 5:30 pm):

Session 3: Antibiotic resistance
1:30 – 2:00: Stanley Falkow, PhD (Stanford):
Historical perspective on antibiotic resistance

2:00 – 2:20: Terry Lehenbauer, DVM, MPVM, PhD, DACVPM - Epidemiology (UC Davis):
What health care providers should know about antimicrobial use and resistance in food-producing animals

2:20 – 2:40: Stanley Deresinski, MD (Stanford):
Antibiotic therapy heading into the post-antibiotic era

2:40 – 3:00: Julie Ellis, PhD (Tufts):
Wildlife as Sentinels for Spread of Antibiotic Resistance in the Environment

3:00 – 3:20: Panel Discussion

---------------------- Refreshment Break 3:20 – 3:40 ----------------------

Poster Viewing

Session 4: Bats: at the Interface of Human-Animal Disease
3:40 – 4:00: Raina Plowright, BVSc, MS, PhD (Montana State):
Pathogen spillover

4:00 – 4:20: Steve Luby, MD (Stanford):
Spillover of Nipah virus from bats to people: Risk of a global pandemic?

4:20 – 4:40: Jonathon Towner, PhD (Centers for Disease Control):
Replication of Marburg and Ebola viruses in bats

4:40 – 5:00: Kevin Keel, DVM, PhD, DACVP (UC Davis):
White-nose syndrome: Natural history and conservation perspectives

5:00 - 5:20: Panel Discussion

Post-Session:

5:20 – 5:25: Susanne (Sanna) Sokolow, DVM, PhD (Hopkins Marine Station, Stanford):
Introduction to the Center for Disease Ecology, Health and the Environment at Stanford

Closing remarks/Poster Awards:

5:25 – 5:30: Ashley Zehnder, DVM, PhD, ABVP (Avian) (Stanford)

5:30 – 6:00: Poster viewing and take down