

Second Joint Meeting of the
Rocky Mountain Virology Club and Rocky Mountain Branch, ASM
Pingree Park, Colorado
October 6-8, 2006

Program

Friday, October 6

- 4:00-6:00 PM: Arrive at Pingree Park, register, find rooms
6:00-7:00 PM: Dinner
7:15-7:30 PM: Welcome and orientation by **Pingree Park staff**
and organizing committee
7:30-8:15 PM: **Keynote Speaker, Raymond Zilinskas, Ph.D.**, Director,
Chemical and Biological Weapons Nonproliferation Program, Center for
Nonproliferation Studies, Monterey Institute of International Studies,
Monterey, California: “Synthetic biology”
8:15-8:30 PM: (**Overview presentation**) **Bob McLean** – “Wildlife
Disease Research at National Wildlife Research Center”
8:30-8:45 PM: (**Overview presentation**) **Erica Suchman** – “The
American Society for Microbiology's Peer Reviewed Education
Resources - The Microbe Library: What's in it for you?”
8:45-9:00 PM: **Keith Wells** – “The role of macrophages in a mouse
melanoma model”
9:00-??? PM: Social, after which you try to find your room again

Saturday, October 8

- 7:00-8:00 AM: Breakfast
8:15-8:45 AM: **Keynote speaker, Raymond Zilinskas, Ph.D.** – “Cuban
allegations and their implications for biological arms control.”
8:45-9:15 AM: (**Overview presentation**) **Linda van Dyk** – “Host Factors
in the Control of Chronic Gammaherpesvirus Infection”
9:15-9:35 AM: (**Overview presentation**) **Tony Schountz** – “Regulatory T
cell-like responses in deer mice infected with Sin Nombre virus”
9:35-9:55 AM: **Ben Steil** – “Mechanisms of Viral Protein Priming of
Poliovirus RNA Replication”
9:55-10:30 AM: Coffee break
10:30-10:55 AM: (**Overview presentation**) **Jim Beebe** – “Public Health
Laboratory Investigations, 2005”
10:55-11:10 AM: **Lee Gary** – “Varicella zoster virus chromatin-
mediated gene regulation during latency in human ganglia”

11:10-11:25 AM: **Doug Brackney** – “Double stranded RNA suppression of *Aedes aegypti*: early and abundant trypsins do not affect midgut infections with Dengue virus 2”

11:25-11:40 AM: **Carlos Machain-Williams** – “Immunization with *Culex tarsalis* mosquito salivary proteins protects mice against West Nile virus infection”

11:40- 1:00 PM: Lunch

1:00-3:30 PM Free time (Snacks at 3:00)

3:30-4:30 PM: **Featured speaker, Randall K. Holmes**, M.D., Ph.D., Professor and Chair, Department of Microbiology, University of Colorado School of Medicine: “Cholera toxin: intimate encounters with cellular components mediate intoxication”.

4:40-4:55 PM: **Erin Buckingham** – “The role of p19 Arf in control of gammaherpesvirus infection”

4:55-5:10 PM: **Kendal Jensen** – “Monoclonal antibody against thymidine kinase 1 as a potential diagnostic indicator for squamous cell carcinomas”

5:10-5:25 PM: **Lisa Williams** – “p18 is a critical regulator in reactivation from latency in a gammaherpesvirus”

5:25-5:40 pm: **Dan Konet** – “Development of *Aedes aegypti* densovirus as a vector for RNA interference”

5:40-7:30 PM: Poster set up time

6:00-7:15 PM: Dinner

7:30-10:00 PM: Poster session, social hour(s)

Sunday October 9

7:00-8:00 AM: Breakfast (pack picnic lunches)

8:15-8:40 AM: (**Overview presentation**) **Kathryn Holmes** – “How does a coronavirus decide on a host?”

8:40-8:55 AM: **Tanya Miura** – “Pathogenesis of rat coronaviral infection in Type I alveolar epithelial cells”

8:55-9:10 AM: **Mary Kathryn Smith** – “Mapping antigenic sites on the spike glycoprotein of a new human coronavirus, Hcov-NL63”

9:10-9:25 AM: **Meg Howard** – “Role of the membrane-proximal domain of SARS-coronavirus spike glycoproteins during viral entry”

9:25-9:40 AM: **Nicole Garneau** – “Characterization of 3'UTR sequence elements influencing the stability of Sindbis virus RNA”

9:40-9:55 AM: **Justin Robison**: “The role of the retinoblastoma tumor suppressor (RB) gene in the cellular response to targeted chemotherapeutic agents”

10:00 AM: Meeting adjourns

POSTER PRESENTATIONS

Elizabeth Brazeau – “Simian varicella virus ORF 63 is required for replication in culture”.

Ann Cogswell – “Cloning and characterization of the first cytokine genes from a bat”

Tina Daniels – “Walleye dermal sarcoma virus Orf B interacts with receptor for activated protein kinase C (RACK1)”

Jenn Honda – “Probing the immune profiles of HIV Tat-mediated inflammation and tandem *Mycobacterium tuberculosis* exposure in human macrophages”

Emily Kampf – “Protective efficacy of sub-unit vaccines against aerosol challenge with *Francisella tularensis* Schu4”

Jaime Kean – “Lymphotropic Polyomavirus infection in humans”

Kirsten Kulcsar – “Analysis of unintegrated viral DNA in walleye dermal sarcomas”

Ashley Linton – “The effect of Walleye dermal sarcoma virus Orf A on NK-kB dependent transcription”

Preston Neff – “Investigating the function of the repeat sequence elements of Sindbis virus 3' UTR as RNA stability elements”

Kevin Sokoloski – “Multiple sequence elements within the VEE 3'UTR repress deadeylation through distinct mechanisms”

Chris Washenberger – “Hepatitis C virus, interferon, and RNase”