

First Joint Meeting of the
Rocky Mountain Virology Club and Rocky Mountain Branch, ASM
Pingree Park, Colorado
October 7-9, 2005

Program

Friday, October 7

- 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:**
David Barton "Poliovirus: Life of an RNA
molecule in the 21st Century"
8:15-8:30 PM: **John Willford** "Water pressurization effectively reduces
salmonella enteritidis on the surface of raw almonds"
8:30-8:45 PM: **Lawrence Goodridge** "Applied uses of bacteriophages in
food microbiology and safety"
8:45-9:10 PM: **Barry Beaty** "Rocky Mountain Regional Center of
Excellence and Regional Biosafety Laboratory"
9:10-??? PM: Social

Saturday, October 8

- 7:00-8:00 AM: Breakfast
8:15-8:35 AM: **Kathy Hanley** "Dengue virus - vector interactions:
impacts on emergence"
8:35-8:55 AM: **Erica Suchman** "AeDENV as a potential biological
control agent for *Aedes aegypti* mosquitoes"
8:55-9:15 AM: **Herbert Schweizer** "Meloidosis - ever heard about it?"
9:15-9:35 AM: **James DeMartini** "Why study retroviral oncogenesis in
sheep?"
9:35-9:55 AM: **Tony Schountz** "Molecular and cellular analysis of
T cell responses in Sin Nombre virus-infected deer mice"

9:55-10:30 AM: Coffee break

10:30-10:45 AM: **Eric Mossel** "Immunotherapy with Th1-enhancing
SCV-07 increases survival of Pichinde virus-infected
guinea pigs"

10:45-11:00 AM: **Susan Cleveland** “Evaluation of a bovine viral diarrhea virus antigen capture ELISA and a micro-titer virus isolation ELISA using pooled ear notch and serum samples”

11:00-11:25 AM: **Kathryn Holmes** “Coronaviruses, receptors, host range and evolution”

11:25-11:40 AM: **Kevin Sokoloski** “Unrelated repeat sequence elements in alphavirus 3 UTRs act as inhibitors of mRNA deadenylation, likely through binding to a common protein”

11:40- 1:00 PM: Lunch

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

3:30-4:15 PM: **Keynote Speaker:**

Katy Bosio “Divergent role of alveolar dendritic cells in pneumonic plague and tularemia”

4:15-4:40 PM: **Joel Rovnak** “Walleye dermal sarcoma virus retroviral cyclin contains a transcription activation domain”

4:40-5:05 PM: **Linda van Dyk** “Virus reactivation and chronic disease”

5:05-5:30 PM: **Jeff Wilusz** “Virus interactions with the host cell RNA decay machinery”

5:30-5:50 PM: Randy Cohrs “Varicella zoster virus gene B3”

5:50-7:30 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)

8:15-8:30 AM: **Trip Coffin** “Constitutive activation of the latent membrane protein-1 of Epstein-Barr virus”

8:30-8:45 AM: **Tim Geiger** “Regulation of Type 1 interferon signaling by Epstein-Barr virus”

8:45-9:00 AM: **Sonia Tusell** “Molecular interactions of group 1 coronaviruses with feline APN”

- 9:00-9:20 AM: **Scott Jeffers** “Human Coronavirus 229E can use CD209L (L-SIGN) to enter cells”
- 9:20-9:40 AM: **Alexander Franz** “Engineering RNA-based transgenic resistance against dengue virus type 2 in *Aedes aegypti*”
- 9:40-9:55 AM: **Charlie Calisher** “Disparity in peaks of transmission of Sin Nombre virus in deer mice and hantavirus pulmonary syndrome in humans”
- 10:00 AM: Leave

Poster presentations

Eric Beck: “Assessing the role of *Aedes triseriatus* inhibitor of apoptosis 1 (AtIAP1) in transovarial transmission of La Crosse virus”

Eric Clambey: “Virus/host interactions in gammaherpesvirus infection”

Nikki Garneau: “Stability of Sindbis virus RNA in mosquito and mammalian cell lines”

Meg Howard: “Mechanism of the STRS spike glycoprotein”

Mark Hughes: “Comparative potential of *Aedes triseriatus*, *Ae. albopictus*, and *Ae. aegypti* to transovarially transmit La Crosse virus”

Emily O'Hearn, Phillip L. Brown, Melissa A. Stuart, James O. Mecham, Barbara S. Drolet, and William C. Wilson: “Bluetongue virus persistence in an insect cell line”

Dennis Pierro: “Qualitative analysis of viral infections in mosquitoes using the IVIS200™ imagine system”

Tiffany Richens: “Development of a rapid diagnostic test for antibodies to Sin Nombre virus in rodents”

Christine Robinson: “An Outbreak of Enterovirus type 21 disease in Colorado. Summer 2003.”

Ben Steil: “Poliovirus RNA replication mechanisms revealed using pre-initiation RNA replication complexes”

Rodman Tompkins: “O'nyong-nyong virus dissemination in *Anopheles gambiae* mosquitoes”

Svetlana Zakharova: “Analysis of the role of Sindbis virus 3'UTR as an inhibitor of mRNA decay using in vitro mRNA turnover assays and UV-cross-linking”