

Rocky Mountain Branch ASM
Program, April 21, 2007
Mesa State College, Grand Junction, CO

Oral Session

- 8:15 Welcome
- 8:20 Justin Robison (U), G Wood, K.L. O'Neill. **A possible mechanism for the up-regulation of thymidine kinase 1 in cancer patients.** Brigham Young University.
- 8:40 Morgan Hardy (U), Lauren Knox, Sharla Haderlie, Jessica Bentley, Lee McLeman, David P. Tomer, Dr. Byron K. Murray, & Dr. Kim L. O' Neill. **Synergistic Antioxidant Effect in Combinations of Vitamins C, E, and Retinoic Acid.** Brigham Young University
- 9:00 Sean M. Sumsion (U), J.R.W. Staples, K.A. Aamodt, R. Fuller, B.K. Murray, K.L. O' Neill. **Usefulness of TK1 in Identifying Progressive Stages of Prostate Cancer.** Brigham Young University
- 9:20 Kevin W. Dahle (U), D.G. Fuja, R.A. Robison, B.K. Murray and K.L. O'Neill. **A New Prognostic Marker for Leukemia.** Brigham Young University.
- 9:40 Break
- 9:50 Nicole L. Garneau (G), C. Preston Neff, Kevin Sokoloski, Carol J. Wilusz & Jeffrey Wilusz. **The Influence Of The 3' Untranslated Region On Sindbis Viral RNA Stability.** Colorado State University.
- 10:10 Brittini A. Bertola (U), A.M. Clement, A.B. Clifford, K.R. Wells, M.L. Webb, A.M. Hamblin, D.G. Fuja, B.K. Murray, and K.L. O'Neill. **Melanoma/Macrophage Fusion in Transgenic MaFIA Mouse: First Step To Metastasis.** Brigham Young University.
- 10:30 Kathleen.R. Ririe, D. G. Fuja, A. M. Clement, A. M. Hamblin, S. W. Freestone, B. K. Murray, and K. L. O'Neill. **TK1 as a Possible Indicator and Localizer of Human Breast Cancer.** Brigham Young University.
- 10:50 Andrea Cooper. **How Are Immune Responses Initiated in the Lung?** Trudeau Institute, Saranac Lake, New York. *American Society for Microbiology Branch Lectureships Program.*
- 11:45 Lunch**
- 12:15 RMB Business Meeting, Saccomanno Lecture Hall (SL110)**
- 12:45 – 1:40 Poster Session**
- 1:40 Oleksandr A. Byelashov, Catherine A. Simpson, Ifigenia Geornaras, Patricia A. Kendall, John A. Scanga, and John N. Sofos. **Fate of *Listeria monocytogenes* on frankfurters under variable storage conditions.** Colorado State University.

- 2:00 Mark Webb, Ben Taylor, Amanda Hamblin, Kim O'Neill. **Macrophage x cancer cell fusion as observed via light and electron microscopy.** Brigham Young University.
- 2:20 M Jordan Rowley (U), Kendal Jay Jensen, Ryan Cole, Byron Murray, and Kim O'Neill. **Identification of Metastasizing Melanoma and Progression of Squamous Cell Carcinoma using Thymidine Kinase 1 Immunostaining.** Brigham Young University, Cole Diagnostics.
- 2:40 Audrey A. Rich (U) and Tony Schountz. **A Rapid Field Test for Identifying Hantavirus-Infected Deer Mice.** University of Northern Colorado.
- 3:00 Miche Larsen, Ellingson CC, Miller TD, Ellingson CR*, Lee-Hin M, Murray BK, O'Neill KL. **Macrophage response to necrotic cell debris and cytokines may provide a link to tumor-associated macrophages.** Brigham Young University.
- 3:20 Andrew Garrett (U), Robert Fuller, Kristie Aamodt, Robert Staples, Byron Murray and Kim O'Neill. **Developing a specific stain for malignant tumor tissue using a monoclonal antibody to Thymidine Kinase 1.** Brigham Young University.

Poster Session

C. Preston Neff (U), Nicole L. Garneau, Carol J. Wilusz & Jeffrey Wilusz. **Sindbis virus RNAs decay by a deadenylation-independent pathway in mammalian cells.** Colorado State University.

Ann Cogswell (G) and Tony Schountz. **Cloning of the First Cytokine Genes From Bats.** University of Northern Colorado.

Emily Chaskey (U), Mike Frazier, and RoxAnn Karkhoff-Schweizer. **Evaluation of Phosphinothricin Resistance as a Non-Antibiotic Selectable Marker in *Yersinia pestis* A1122.** Colorado State University.

John Prucha (U) and RoxAnn Karkhoff-Schweizer. **Creation of pir⁺ Escherichia coli strains using the Tn7 vector pGRG36.** Colorado State University

Kevin J. Sokoloski (G), Carol J. Wilusz and Jeffrey Wilusz. **Alphavirus 3' UTR Repeated Sequence Elements Repress Deadenylation via a Trans-acting Factor.** Colorado State University.

A. (Tony) D. Welch (U), K.R. Wells, D.G. Fuja, B.A. Bertola, A.B. Clifford, B.K. Murray, K.L. O'Neill, and R. Robison. **Metastatic activity and Macrophages in a MaFIA Mouse Model.** Brigham Young University.

G = graduate student; U = undergraduate student.