

Texas Branch ASM – Fall 2010 Meeting Preliminary Program (as of Oct 22)

Texas State University, LBJ Student Center, San Marcos TX

Thursday October 28, 2010

4:00 – 6:30 pm Registration – 3rd floor LBJ Center

7:00 Welcome

7:15 – 9:30 pm Opening Session – Room 3-14.1 LBJ Center

Interkingdom Signaling between Bacteria and their Hosts - Organized by Dr. Kendra Rumbaugh, Texas
Tech University Health Sciences Center

"Microbiology endocrinology: Interkingdom signaling in infectious disease and health"

Mark Lyte, Ph.D., M.S., MT(ASCP)

Professor, Department of Pharmacy Practice

School of Pharmacy

Texas Tech University Health Sciences Center

"Interkingdom Signaling: moving beyond bacterial quorum sensing"

Kendra Rumbaugh, Ph.D.

Assistant Professor

Department of Surgery, Texas Tech University Health Sciences Center

"Indole-Mediated Inter-Kingdom Signaling in the context of GI Tract Inflammation"

Arul Jayaraman, Ph.D.

Associate Professor

Department of Chemical Engineering, Texas A&M University

"Interactions between Bacterial AHL Quorum Signals and Human Immunomodulatory P450
Cytochromes Important in Cystic Fibrosis"

Donovan C. Haines, Ph.D.

Assistant Professor of Chemistry

Sam Houston State University

Friday October 29

8:00 am – 11:30 am

Student Presentations

Room 3-14.1 General Microbiology Sessions – speakers TBA

Room 3-9.1 Medical Microbiology Sessions – speakers TBA

10 – 10:30 am Coffee Break – LBJ Ballroom

Poster Presentations – Lunch is provided

Noon – 2:30 pm – LBJ Ballroom

3 – 5:30 pm Concurrent Sessions

Room 3-14.1 Medical and Clinical Microbiology – organized by Dr. Quincy Moore, Prairie View A&M.

Dr. Rod Rohde, Texas State University - Methicillin Resistant *Staphylococcus aureus* (MRSA): Carriage and Conversion Rates in Nursing Students

Dr. Quincy Moore, Prairie View A&M - Age Dependent Susceptibility of C57BL/6 Mice to Pneumococcal Keratitis

Dr. Carlos Orihuela, UT Health Sciences Center in San Antonio - Pneumococcal pneumonia: A sticky problem for the elderly!

Dr. Harlan Jones, UNT Health Sciences Center - Corticotropin Releasing Hormone regulates resistance against *Streptococcus pneumoniae*

Pieter Viermuelen UNT Health Sciences Center - Non traditional Career Path in the Biomedical Sciences

Room 3-9.1 Emerging Scientist Session – featuring recent PhD graduates – organized by Dr. Stacie Brown, Texas State University.

Dr. Stacie Brown, Texas State University - *Aggregatibacter actinomycetemcomitans*: The Life Story of a Dumpster Diver

Dr. J (Buddy) Gaertner, Texas State University – Spatial and temporal differences in the detection of *Batrachochytrium dendrobatidis* in Central Texas Amphibians

Dr. Jeff Schertzer, University of Texas – Oxygen Levels Rapidly Modulate *Pseudomonas aeruginosa* Social Behaviors via Substrate Limitation of PqsH

Dr. David Giles, University of Texas - *Vibrio cholerae* alters its phospholipid profile by incorporating fatty acids from host and aquatic environments

6:30 – 8:00 pm Student Awards and Keynote Speaker (snack food will be provided)

This event will be held at Dick's Classic Car Museum, 120 Stagecoach Trail, San Marcos TX 78666

Keynote Speaker – Dr. Don Klein, Colorado State University (ASM Lecturer)

Microbial Ecology in the post-Genomic Age: Individual Active Microbes as a New Paradigm

Saturday October 30

8:30 am – 11:00 am

Room 3-14.1 LBJ Student Center

Microbiology Education Session – organized by Dr. Todd Primm, Sam Houston State University

8:30 – 9:10 am Dr Frank Healy, Trinity University

An exploratory general microbiology lab with classic and molecular components.

9:10 – 9:50 am Dr. Jim Hu, Texas A&M University

CACAO, a gene ontology annotation system for students

9:50 – 10:30 am Grab your coffee and join Dr. Robert Baumann (textbook writer), Amarillo College

Novel method for introducing students to microbial taxonomy.

10:30 – 11:10 am Dr. Lee Hughes, University of North Texas

Blended learning in Biology Education