



5th Annual FDA Foods and Veterinary Medicine Science and Research Conference

*Food Safety, Veterinary Medicine, Nutrition and Cosmetics Research:
Meeting the Challenges of a Global Supply Chain*

August 13 – 14, 2015

**5th Annual FDA Foods and Veterinary Medicine
Science and Research Conference**
*Food Safety, Veterinary Medicine, Nutrition and Cosmetics Research:
Meeting the Challenges of a Global Supply Chain*

White Oak, Building 31, Great Room
10903 New Hampshire Ave
Silver Spring, MD 20993
August 13-14, 2015

AGENDA
THURSDAY, AUGUST 13, 2015
Day 1

- 8:00 – 9:15 am Poster Setup for morning poster session
- 8:15 – 8:30 am **Welcome and Opening Remarks**
Michael Taylor, J.D.
Deputy Commissioner for Foods and Veterinary Medicine
FDA Office of Foods and Veterinary Medicine
- 8:30 – 8:45 am **Key Note Address**
Capt. Palmer Orlandi, Ph.D.
Acting Chief Science Officer and Director of Research
FDA Office of Foods and Veterinary Medicine
- 8:45 – 9:15 am **Research Coordination Overview**
FDA FVM Science and Research Steering Committee Panel
- 9:15 – 9:30 am **FDA Food Safety Challenge Grand Prize Winner**
Michael Ladisch, Ph.D.
Distinguished Professor and Director
Department of Agricultural and Biological Engineering
Purdue University
- 9:30 – 10:30 am Session I Oral Presentations:
Moderator: Ms. Isha Patel (FDA/CFSAN)
9:30 – 9:45 am *Surveillance Using Whole Genome Sequencing
Effectively Predicts Antimicrobial Resistance Phenotypes in
Campylobacter (1M-6)*
9:45 – 10:00 am *Whole Genome Sequencing Effectively Predicts
Antimicrobial Resistance Phenotypes of Escherichia coli (1M-7)*
10:00 – 10:15 am *Evaluation of Virulence in Incompatibility
Group FIB Positive Salmonella enterica Isolates from Food and
Food Animal Sources (1M-10)*
10:15 – 10:30 am *Canine Urine Fanconi Panel Results in
Association with Jerky Pet Treat Ingestion (1M-29)*

10:30 am – 12:00 pm	Poster Session I (1M)
12:00 – 12:15 pm	Removal of Posters
12:00 – 1:00 pm	LUNCH (on your own)
12:15 – 1:00 pm	Poster Setup for afternoon poster session
1:00 – 1:30 pm	Guest Speaker Rick Spinrad, Ph.D., M.S. Chief Scientist National Oceanic and Atmospheric Administration
1:30 – 2:00 pm	Research Impact Analysis of Selected FVM Research Projects Marisa Cruz, M.D. Medical Officer FDA Office of Foods and Veterinary Medicine
2:00 – 3:00 pm	Session II Oral Presentations: Moderator: Dr. Saura Sahu (FDA/CFSAN) 2:00 – 2:15 pm <i>Asymmetric Flow-Field Flow Fractionation Hyphenated ICP-MS as an Alternative to Cloud Point Extraction for Quantification of Silver Nanoparticles and Silver Speciation: Application for Nanoparticles with a Protein Corona (1A-15)</i> 2:15 – 2:30 pm <i>Nutrient Claims on Snack Foods Negatively Influence Consumers' Information-seeking Behaviors, Purchase Decisions, and Product-related Health Perceptions (1A-4)</i> 2:30 – 2:45 pm <i>Photobacterium angustum and Photobacterium kishitanii: Psychrotrophic Histamine-Producing Bacteria Indigenous to Tuna (1A-27)</i>
3:00 – 3:15 pm	BREAK
3:15 – 4:45 pm	Poster Session II (1A)
4:45 pm	Removal of Posters
6:30 – 8:30 pm	Evening Social Gathering Location: McGinty's Public House 911 Ellsworth Drive Silver Spring, MD 20910

AGENDA
FRIDAY, AUGUST 14, 2015
Day 2

- 8:00 – 9:15 am Poster Setup for morning poster session
- 8:15 – 8:30 am **Welcome and Opening Remarks**
Selen Stromgren, Ph.D.
FDA Office of Regulatory Affairs
- 8:30 – 9:15 am **Guest Speaker**
Jennifer McEntire, Ph.D.
Vice President of Science Operations
Grocery Manufacturers Association
- 9:15 – 10:15 am Session III Oral Presentations:
Moderator: Dr. Sandra Tallent (FDA/CFSAN)
9:15 – 9:30 am *Dihydroxyacetone Induces Cytotoxicity and DNA
Damage in a Dose and Time-dependent Manner in an In vitro
Primary Human Skin Cell Culture Model (2M-4)*
9:30 – 9:45 am *Single Laboratory Validation of a Method for
Isolation and Identification of Nontuberculous Mycobacteria
Associated with Tattoo-related Outbreaks (2M-8)*
9:45 – 10:00 am *Evaluation of RadEye Food Monitor To Screen
Food for Gross Gamma Radioactivity (2M-11)*
10:00 – 10:15 am *Rapid identification of Listeria monocytogenes
using matrix-assisted laser desorption ionization-time of flight
mass spectrometry (MALDI-TOF MS) (2M-29)*
- 10:15 – 11:45 am Poster Session III (2M)
- 11:45 am – 12:00 pm Removal of Posters
- 12:00 – 1:00 pm LUNCH (on your own)
- 12:00 – 1:00 pm Poster Setup for afternoon poster session
- 1:00 – 1:45 pm **Guest Speaker**
Nancy Beck, Ph.D.
Program Development Manager
Reagan-Udall Foundation for the FDA

1:45 – 2:45 pm

Session IV Oral Presentations:

Moderator: Dr. Ashraf Khan (FDA/NCTR)

1:45 – 2:00 pm *Exploration of the Impact of Application Intervals for the Use of Raw Animal Manure as a Soil Amendment in Fresh Market Tomato Fields on Tomato Contamination (2A-13)*

2:00 – 2:15 pm *Detection of Shiga Toxin-producing Escherichia coli on Fresh Produce Utilizing a Metagenomic Approach (2A-14)*

2:15 – 2:30 pm *GenomeTrakr: A Pathogen Database to Build a Global Genomic Network for Pathogen Traceback and Outbreak Detection (2A-15)*

2:30 – 2:45 pm *Shigella and Enteroinvasive E. coli Phylogenomics and the Development of Markers for Rapid Clinical Detection (2A-20)*

2:45 – 4:15 pm

Poster Session IV (2A)

4:15 – 4:30 pm

Closing Remarks & Awards Presentations

Capt. Palmer Orlandi, Ph.D.

Acting Chief Science Officer and Director of Research

FDA Office of Foods and Veterinary Medicine

4:30 pm

Removal of Posters