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 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)
2:15 – 2:30 pm Nutrient Claims on Snack Foods Negatively
Influence Consumers’ Information-seeking Behaviors, Purchase
Decisions, and Product-related Health Perceptions (1A-4)
2:30 – 2:45 pm Photobacterium angustum and Photobacterium
kishitaniii: Psychrotrophic Histamine-Producing Bacteria
Indigenous to Tuna (1A-27)

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