

Tuesday, June 15

Session I

Special Session

A Forum on *Cyclospora cayetanensis*:

What we know, what we don't know and identifying challenges that lie ahead

This forum will provide an update on the science and current thinking on *Cyclospora* and offer practical information on mitigation strategies for growers. It brings together a wide variety of stakeholders, including growers, academics, government agencies, trade associations, and others interested in learning more about this important parasite and in seeking practical solutions to prevent *Cyclospora* contamination and illnesses attributed to produce. This gathering provides a forum for a diverse audience of stakeholders to think together and discuss areas of concern about this important issue in the produce industry.

Click [HERE](#) to view the *Cyclospora* forum program

Moderator: **Robert Gravani, Ph.D.**, Cornell University

Tuesday, June 22

Session II

Featured Session

How to put CPS research to work in your real world

Panel:

Drew McDonald, Taylor Fresh Foods

Natalie Dyenson, Dole Food Company, Inc.

Matt Miles, Allan Bros Fruit

George Nikolich, George Nikolich Consulting, Inc.

CPS Campaign

Message from **Vic Smith**, JV Smith Companies, chair, CPS Board of Directors

Research Reports

Simulation Analysis of In-Field Produce Sampling for Risk-Based Sampling Plan. **Matthew Stasiewicz, Ph.D.**, University of Illinois. [Abstract](#), [PI Bio](#)

Significance of sanitizers on induction of viable but non-cultivable (VBNC) foodborne bacteria and their survival and resuscitation in fresh produce. **Ana Allende, Ph.D.**, CEBAS-CSIC Spain. [Abstract](#), [PI Bio](#)

Non-Fouling Food Contact Surfaces - Prevention of Biofilm and Surface-Mediated Cross-Contamination. **Boce Zhang, Ph.D.**, University of Massachusetts. [Abstract](#), [PI Bio](#)

CPS Research Pipeline Posters

Post-harvest fresh produce wash water disinfection by submerged cold plasma non-chemical continuous treatment system. **Alexander Fridman, Ph.D.**, Drexel University

Using low-cost smartphone-based infrared cameras to evaluate cooling and storage conditions of fresh produce. **Kevin E. Mis Solval, Ph.D.**, University of Georgia

Occurrence and accumulation of potentially infectious viruses in process water and impact of water disinfection practices to minimize viral cross-contamination. **Gloria Sánchez Moragas, Ph.D.**, IATA-CSIC, SPAIN

Digital farm-to-facility food safety testing optimization. **Matthew Stasiewicz, Ph.D.**, University of Illinois at Urbana-Champaign

Validation of sanitizer disinfection of wash water in dump tank operation of apple packing lines. **Meijun Zhu, Ph.D.**, Washington State University

Question and Answer Session

Attendees may submit questions during this session. All presenters will be available to respond to audience's questions.

Moderator: **Suresh DeCosta, M.S.**, Lipman Family Farms

Tuesday, June 29

Session III

Research Reports

Listeria monocytogenes growth potential, kinetics, and factors affecting its persistence on a broad range of fresh produce. **Xiangwu Nou, Ph.D.**, USDA ARS Beltsville. [Abstract](#), [PI Bio](#)

Factors affecting persistence of *Listeria monocytogenes* need to be identified for evaluation and prioritization of interventions. **Martin Wiedmann, Ph.D.**, Cornell University. [Abstract](#), [PI Bio](#)

Fate of different *Listeria monocytogenes* strains on different whole apple varieties during long-term simulated commercial storage, **Elliot Ryser, Ph.D.**, Michigan State University. [Abstract](#), [PI Bio](#)

Listeria develops reduced sanitizer sensitivity but not resistance at recommended sanitizer use levels. **Martin Wiedmann, Ph.D.**, Cornell University. [Abstract](#), [PI Bio](#)

CPS Research Pipeline Posters

Produce surface treatments based on bacteriophages and bacteriocin-producing cultures to consistently reduce 2-log of *Listeria monocytogenes* on leafy greens and pre-cut fruit and vegetables. **Ana Allende, Ph.D.**, CEBAS-CSIC, Spain

Possibility, duration, and molecular predictors of sanitizer tolerance in *Listeria monocytogenes*. **Xiangyu Deng, Ph.D.**, University of Georgia

Control of *Listeria monocytogenes* in processing/packing plants using antimicrobial blue light (aBL). **Francisco Diez-Gonzalez, Ph.D.**, University of Georgia

Application of ultra-fine bubble technology to reduce *Listeria monocytogenes* contamination of fresh produce. **Abhinav Upadhyay, Ph.D.**, University of Connecticut

Identification of quantitative and qualitative patterns of environmental contamination by *Listeria* spp. and *L. monocytogenes* in fresh produce processing facilities, and evaluation of practical control measures able to eliminate transient and persistent contamination. **Ana Allende, Ph.D.**, CEBAS-CSIC, Spain

Waxing of whole produce and its involvement in and impact on microbial food safety. **Luxin Wang, Ph.D.**, University of California, Davis

Featured Session

CDC's New Disease Prevention Technical Assistance Initiative.

Samuel J. Crowe, Ph.D., M.P.H., Division of Foodborne, Waterborne, and Environmental Diseases

Interview by **Bonnie Fernandez-Fenaroli**, Center for Produce Safety

Question and Answer Session

Attendees may submit questions during this session. All presenters will be available to respond to audience's questions.

Moderator: **Joan Rosen, M.S.**, JC Rosen Resources

Tuesday, July 6

Session IV

Research Reports

Analysis of the presence of *Cyclospora* in waters of the Mid-Atlantic States and evaluation of removal and inactivation by filtration. **Kalmia Kniel, Ph.D.**, University of Delaware. [Abstract](#), [PI Bio](#)

Illuminating the role of whole genome sequencing in produce safety. **Kerry Cooper, Ph.D.**, University of Arizona. [Abstract](#), [PI Bio](#)

Investigation of potential per-harvest and post-harvest treatments targeting *Salmonella* spp. Risk reduction on peach in Australia. Rapid Response. **Kim-Yen Phan-Thien, Ph.D.**, University of Sydney. [Abstract](#), [PI Bio](#)

Environmental microbial risks associated with vented produce in distribution centers. **Laurel Dunn, Ph.D.**, University of Georgia. [Abstract](#), [PI Bio](#)

CPS Research Pipeline Posters

Verification and validation of environmental monitoring programs for biofilm control in the packinghouse. **Paul Dawson, Ph.D.**, Clemson University

Sources and prevalence of *Cyclospora cayetanensis* in Southeastern U.S. water sources and growing environments. **Mia C. Mattioli, Ph.D.**, Centers for Disease Control and Prevention

The prevalence of *Cyclospora* in water and produce. **Ynes R. Ortega, Ph.D.**, University of Georgia.

Determination of physical and chemical mechanisms to prevent *Cyclospora* infection. **Scott Lenaghan, Ph.D.**, University of Tennessee

Overcome critical food safety challenges of blueberry harvesting. **Jinru Chen, Ph.D.**, University of Georgia

Featured Session

Outbreaks: Past, Current, and Future with WGS Data. **Martin Wiedmann, Ph.D.**, Cornell University

Question and Answer Session

Attendees may submit questions during this session. All presenters will be available to respond to audience's questions.

Moderator: **Jennifer McEntire, Ph.D.**, United Fresh Produce Association

Tuesday, July 13

Session V

Research Reports

Towards a decision-support tool for identifying and mitigating on-farm risks to food safety. **Daniel Karp, Ph.D.**, University of California, Davis. [Abstract](#), [PI Bio](#)

Development of a Model to Predict the Impact of Sediments on Microbial Irrigation Water Quality. **Charles Gerba, Ph.D.**, University of Arizona. [Abstract](#), [PI Bio](#)

Agriculture Water Treatment – Southwest Region. **Channah Rock, Ph.D.**, University of Arizona. [Abstract](#), [PI Bio](#)

CPS Research Pipeline Posters

When the *E. coli* hits the fan! Evaluating the risks of dust-associated produce cross-contamination. **Kelly R. Bright, Ph.D.**, University of Arizona

Field evaluation of microfluidic paper-based analytical devices for microbial source tracking. **Mohit S. Verma, Ph.D.**, Purdue University

Understanding and predicting food safety risks posed by wild birds. **Nikki Shariat, Ph.D.**, University of Georgia

Survival of infectious human norovirus in water and on leafy greens. **Malak Esseili, Ph.D.**, University of Georgia

Bio-based antimicrobial coatings for reducing risk of cross-contamination during harvesting. **Nitin Nitin, Ph.D.**, University of California, Davis

Featured Session

CPS STEC Colloquium - Critical Path for Long Term Solutions.
Trevor Suslow, Ph.D., University of California, Davis

Question and Answer Session

Attendees may submit questions during this session. All presenters will be available to respond to audience's questions.

Moderator: **De Ann Davis, Ph.D.**, Western Growers Association
