Tuesday, May 14, 2024

7:45 a.m.  Registration/Continental breakfast
8:25 a.m.  Welcome

Glenda Gillaspy, Dean, UW–Madison College of Agricultural and Life Sciences, Chuck Kaspar, Director, FRI

Morning Session:  Artificial intelligence and food safety
Chair:
8:30 a.m.  Claire Zoellner, Food Decision Sciences
9 a.m.  TBD
9:30 a.m.  Machine Learning in Food Science and Microbiology

Nitin Nitin, UC Davis

10–10:30 a.m.  Break

Morning Session:  Natural and traditional antimicrobials – Evaluating safety and efficacy
Chair:
10:30 a.m.  GRAS requirements (natural vs. traditional)

Erik Hedrick, Burdock Group

11 a.m.  Natural antimicrobial research

Tu Anh Huynh, FRI Affiliate, Dept. Food Science, UW–Madison

11:30 a.m.  Jae-Hyuk Yu, FRI Executive Committee, Dept. Bacteriology, UW–Madison

Noon – 1:00 p.m.  Lunch

Afternoon Session:  Current toxicological concerns
Chair:
1 p.m.  Allergen concerns and controls

Joe Baumert, University of Nebraska

1:30 p.m.  Curtis Hedman, Wisconsin Department of Health Services

2 p.m.  Toxicological concerns in industry

Travis Schmit, PepsiCo

2:30 p.m.  Break

3–3:45 p.m.  William Frazier Memorial Award Lecture
Assessing and managing microbial risk during food transport and delivery

Don Schaffner, Distinguished Professor, Rutgers University

4–5 p.m.  Poster session (Pyle Center Alumni Lounge)

4–6 p.m.  Reception and social hour (Pyle Center Alumni Lounge)
Wednesday, May 15, 2024

8 a.m. Continental breakfast

Morning Session: Basic research of foodborne pathogens

Chair:
8:30 a.m. Kristin Schill, FRI Executive Committee, FRI Applied Food Safety Laboratory
9 a.m. Modeling immune responses to parasites in microphysiological devices
Laura Knoll, FRI Executive Committee, Dept. Medical Microbiology and Immunology, UW–Madison
9:30 a.m. Applications of Salmonella genetics for poultry production
Steve Ricke, FRI Affiliated Faculty, Meat Science and Animal Biologics Discovery, UW–Madison

10–10:20 a.m. Break

10:20 a.m. Presentation of student awards, Kathy Glass, FRI Associate Director

Morning Session: Applied food microbiology in manufacturing

Chair:
10:30 a.m. Cold plasma research
Zifan Wan, Dept. Food Science, UW–Platteville
11 a.m. Cindy Austin, Dept. Animal and Dairy Sciences, UW–Madison
11:30 a.m. Kathy Glass, FRI Executive Committee, FRI Associate Director

Noon Farewell, Chuck Kaspar, FRI Director

12:15 p.m. FRI Board of Visitors Luncheon, by invitation only