Tuesday February 5

7:30-8:00 am
Registration & Continental Breakfast, Commonwealth Foyer
Meeting Location: Williamsburg/Yorktown Ballroom

8:00–8:15 am
Introductory remarks
Matthew Fields, CBE Director
Paul Sturman, CBE Industrial Coordinator

Keynote:
8:15–8:50 am
Biofilm tolerance and antimicrobial resistance
Christophe Beloin, Associate Professor; Co-Director, Institut Pasteur Microbiology Course, Institute Pasteur

SESSION 1: Food-Related Biofilms
8:50–9:25 am
Where sanitation preventive controls and biofilms cross paths: An FDA perspective
Les Smoot, Public Health Analyst, Center for Food Safety and Applied Nutrition, US FDA

9:25–10:00 am
Trending topics in food protection: A review from the 2018 food conferences
Diane Walker, Research Engineer, CBE

10:00–10:30 am
Break

11:05–11:40 am
Biofilm management in food and beverage processing
Erin Mertz, Area Technical Support Coordinator, Food & Beverage, Ecolab

11:40–12:00 pm
Discussion Session

12:00–1:00 pm
Lunch, Crystal Ballroom

SESSION 2: Biofilm Detection
1:00–1:30 pm
Different techniques to visualize, quantify, and investigate biofilms
Matthew Fields

1:30–2:00 pm
Title TBA
Edgar Goluch, Associate Professor, Chemical Engineering, Northeastern University

2:00–2:30 pm
Title TBA
Paul Sturman

2:30–3:00 pm
Break

SESSION 3: Antimicrobials and Regulation
3:00–3:30 pm
Global regulatory impediments and their effect on trade
Adrien Krygsman, Director, Troy Corporation

3:30–4:00 pm
Title TBA
Dan Klein, Sr. Manager, Microbiology and Clinical Affairs, Steris Corporation

4:00–4:30 pm
Antimicrobial pesticides: Regulatory update and methods development initiatives
Steve Tomasino, Senior Scientist, US EPA

Wednesday February 6

7:30–8:00 am
Continental Breakfast, Crystal Ballroom
Meeting Location: Williamsburg/Yorktown Ballroom

SESSION 4: Breast Implant Biofilms
8:00–8:05 am
Session Introduction
Garth James, Associate Research Professor, Chemical & Biological Engineering, MSU; PI, Medical Biofilms Laboratory, CBE

8:05–8:40 am
Controversies in biofilm and breast implants
Roger Wixtrom, President, LSCI

8:40–9:10 am
Influence of breast implant textures on bacterial attachment and biofilm formation
Garth James, Associate Research Professor, Chemical & Biological Engineering, MSU; PI, Medical Biofilms Laboratory, CBE

9:10–9:45 am
Considering other factors that may contribute to the role of implant surface texture on the pathogenesis of breast implant associated complications
Hainsworth Shin, Fellow, Biomedical Engineer, Center for Device and Radiological Health, US FDA

9:45–10:00 am
Discussion session
10:00–10:30 am
Break

SESSION 5:
Medical Device Cleaning/Reprocessing

10:30–10:50 am
Reusable medical devices:
Understanding the challenges and presenting a path forward
Paul Sturman

10:50–11:25 am
A simple and sensitive standard protocol to verify the presence of bacterial cells/biofilm on reprocessed devices using a fluorescence microscope
Scott Phillips, Regulatory Research Scientist, Center for Device and Radiological Health, US FDA

11:25–12:00 pm
An overview of biofilms in reusable medical devices
Kaumudi Kulkarni, R&D Manager, Healthmark Industries Company

12:00 pm–1:00 pm
Lunch, Crystal Ballroom

1:00–1:35 pm
Eradication of Mycobacterium chimaera biofilm in heater cooler devices
Jayaleka Amarasinghe, Winchester Engineering & Analytical Center, US FDA

1:35–2:10 pm
Title TBA
Steve Tomasino, Senior Scientist, US EPA

2:10–2:45 pm
Title TBA
Jan Hodges, Director, Quality Assurance & Regulatory Affairs, Quest Medical

2:45–3:15 pm
Break

3:15–4:45 pm
Round Table Discussion