Tuesday
February 4

7:30-8:00 am
Registration Presidents Foyer
Meeting Kennedy/Jefferson Ballroom

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

8:15-8:35 am
CBE’s role in regulation and product advancement
Matthew Fields, CBE Director

SESSION 1
Perspectives on Biofilm, Regulation and Research

8:35–9:20 am
Medical biofilms: Insights from the first two decades of the millennium
Robin Patel, Chair, Division of Clinical Microbiology, Professor, Microbiology & Medicine, Mayo Clinic

9:20–9:55 am
Medical Device Biofilm Regulatory Science in 2020: Progress, challenges and opportunities
Scott Phillips, Regulatory Research Scientist, Center for Device & Radiological Health, US FDA

9:55–10:25 am
Break

10:25–11:00 am
Antimicrobial method development Initiatives
Steve Tomasino, Senior Scientist, Office of Pesticide Programs, US EPA

11:00–11:30 am
Title TBA
Elaine Black, Senior Regulatory Manager, Ecolab

11:30–12:00 pm
Title TBA
Matt Myntti, Chief Technology Officer, Next Science

12:00–1:00 pm
Lunch, Virginia Ballrooms

SESSION 2
Food-Related Biofilms

1:00–1:35 pm
Dry biofilms: Challenges of recognition and eradication
Diane Walker, Research Engineer, CBE

1:35–2:10 pm
Evaluation of the effect of Chlorine Dioxide gas and a liquid probiotic application on hydrated and dehydrated biofilms
Michele Sayles, Executive Director, Food Safety & Quality, Diamond Pet Foods

2:10–2:45 pm
Persistent vs transient listeria monocytogenes in food processing facilities: What makes the difference?
Dumitru Macarisin, Research Microbiologist, Center for Food Safety & Applied Nutrition, US FDA

2:45–3:15 pm
Break

3:15–3:50 pm
Title TBD
Elizabeth Grasso-Kelley, Assistant Professor, Food Science & Nutrition, Illinois Institute of Technology

3:50–4:25 pm
Drinking water pipeline and premise plumbing decontamination of Bacillus globigii
James Goodrich, Senior Science Advisor, Wide Area & Infrastructure Decontamination Branch, US EPA

5:00 pm
Networking Reception
Chesapeake View

Wednesday
February 5

7:30–8:00 am
Registration Presidents Foyer
Meeting Kennedy/Jefferson Ballroom

SESSION 3
Biofilm Infection

8:00–8:35 am
Risk factors for chronic biofilm infections on medical implants
Phil Stewart, Regents Professor, Chemical & Bio. Eng., MSU, CBE

8:35–9:10 am
Optical imaging of distal lung infection
Bethany Mills, Postdoctoral Researcher, Optical Imaging PROTEUS Hub, University of Edinburgh Queens Medical Research Institute

9:10–9:45 am
Title TBD
Yongqing Chen, Regulatory Scientist, US FDA

9:45–10:20 am
Break
SESSION 4
Oral Biofilm

10:20-10:55 am
Use of the hollow fiber infection model to study emergence of resistance using humanized pharmacokinetic profile of antibiotics
Tesfalem Zere, ORISE Research Fellow, Center for Drug Evaluation & Research, US FDA

10:55-11:30 am
Busting biofilms—winning the war in wounds
Greg Schultz, Professor of Obstetrics/Gynecology, College of Medicine, University of Florida

11:30-12:00 pm
Title TBD
Speaker TBD

12:00–1:00 pm
Lunch, Virginia Ballrooms

SESSION 5
Reusable Medical Devices

3:15-3:50 pm
Evaluating performance criteria for the cleanliness of reusable medical devices
Darla Goeres, Associate Research Professor, Chemical & Biological Engineering, MSU; PI, Standardized Biofilm Methods Laboratory, CBE

3:50-4:25 pm
Title TBD
Sang Won Lee, PhD Student, Biomedical & Chemical Engineering, Syracuse University

Save the Date!
2020 Montana Biofilm Meeting
July 14–16, 2020
Bozeman, MT