

February 7-8, 2023

ANTI-BIOFILM TECHNOLOGIES:
Pathways to Product Development

Hilton Arlington National Landing Hotel, Arlington, VA

Draft AGENDA

2/8/2023 9:40 AM

Tuesday February 7

7:30–8:00
Registration & Coffee
Commonwealth Foyer

Meeting: Richmond/Roanoke

8:00–8:15
Opening Remarks
Matthew Fields
Director, CBE; Professor,
Microbiology & Cell
Biology, MSU
Paul Sturman, Industrial
Coordinator, CBE

Keynote Presentation

8:15–9:00
**OSEL Sterility and Infection
Control Regulatory Science
Program: A focus on
stakeholder needs**
Michael Eppihimer, Director,
Division of Biology,
Chemistry and Material
Sciences, OSEL, CDRH,
US FDA

SESSION 1: Reusable Medical Devices

9:00–9:30
**Effect of protein
concentration on biofilm
formation in
polytetrafluoroethylene
tubing**
Garth James, PI, Medical
Biofilms Laboratory, CBE;
Associate Research
Professor, Chemical &
Biological Engineering,
MSU

9:30–10:00
**Biofilm cleaning
performance evaluation in
automated endoscope
reprocessors**
Bruno Haas, Group Leader,
Scientific, Research and
Validation Team, STERIS

10:00–10:30 Break

10:30–11:00
**Current state of flexible
endoscope reprocessing:
Why is build-up biofilm a
concern?**
Michelle Alfa, President,
AlfaMed Consulting, Ltd.

11:00–11:30
**Analyzing biofilm reduction
for cleaning of medical
device surfaces**
Katie Segars, Assistant
Director, Division of
Biology, Chemistry, and
Materials Science, OSEL,
CDRH, US FDA

Panel Discussion

11:30–12:30
**Assessing cleaning and
disinfecting procedures for
reusable medical devices to
improve patient safety**
Michelle Alfa
Bruno Haas
Garth James
Katie Segars
Laura Wahlen, Baxter
Healthcare
Moderator: Darla Goeres, CBE

12:30–1:30 Lunch Will/York

SESSION 2: Bioremediation

1:30–2:10
Session Introduction

**In situ bioremediation of
selenium and nitrate for full
scale treatment of mine
waste**
Brent Peyton, Professor,
Chemical & Biological
Engineering, MSU, CBE

2:10–2:40
**Pharmaceutical effects on a
novel wastewater treatment
biotechnology**
Kylie Bodle, PhD Student,
Civil Eng., MSU, CBE

2:40–3:10 Break

3:10–3:40
**Bioremediation—State of
Practice—A 'sampler' for
biofilm devotees**
Jim Cummings, Program
Analyst, US EPA

3:40–4:10
**Biofilm considerations:
Bioremediation of
contaminated groundwater**
Birthe Venø Kjellerup,
Associate Professor, Civil &
Environmental Eng.,
University of Maryland

4:10–4:40
**Expedited organo-halide
destruction via
biostimulation without
augmentation supported by
introduction of abiotic
electron donor**
Kent Armstrong, President,
TerraStryke Products LLC

**5:00–6:30 Networking
Reception** Crystal Ballroom

Wednesday February 8

7:45–8:20

Registration & Coffee

Commonwealth Foyer

SESSION 3: Emerging Surface Disinfection Methods

8:20–8:30

Session Introduction

Al Parker, Biostatistician,
CBE; Associate Research
Professor, Mathematical
Sciences, MSU

8:30–9:00

**An overview of EPA's
guidance and methods for
adding residual efficacy
claims**

Rebecca Pines, Branch Chief,
Microbiology Laboratory
Branch, Office of Pesticide
Programs, US EPA

9:00–9:30

**Multiple multi-lab
evaluations of the
Quantitative Method for
determining the efficacy of
antimicrobial substances
against bacteria dried onto
hard non-porous surfaces**

Al Parker

9:30–10:00

**Industry perspectives on the
Quantitative Method to
measure disinfection
efficacy: Progress to
improve reproducibility and
parameters for assessing
suitability as a regulatory
standard**

John Hilgren, Director,
Regulatory Affairs, Ecolab

10:00–10:30 Break

10:30–11:00

**Use of antimicrobial
pesticides to address
Legionella in cooling towers**

Anastasia Swearingen,
Senior Director, Chemical
Products and Technology,
American Chemistry
Council

11:00–11:30

**New method for Legionella
pneumophila claims in
cooling tower water**

Lisa Smith, Team Leader,
Microbiology
Laboratory Branch, Office
of Pesticide Programs, US
EPA

11:30–12:00

**Good riddance—The
importance of biofilm
removal and the need for
standardized methods**

Bruce Urtz, Microbiology
Manager, Sterilex

12:00–1:00 Lunch Will/York

SESSION 4: Global Perspectives on Biofilm Claims

1:00–1:10

Session Introduction

Darla Goeres, Research
Professor of Regulatory
Science, CBE

1:10–1:40

**Antibiofilm surfaces in the
built environment: Current
methods and considerations
for method development**

James Redfern, Senior
Lecturer, Natural
Sciences, Manchester
Metro University

1:40–2:10

**Prevention and treatment
of biofilms—Update on
European method
development and claims**

Florian Brill, Managing
Director, Dr. Brill +
Partner, GmbH

2:10–2:40

**The UK's standpoint on
biofilm claims and methods
in the medical devices
sector**

Paulina Rakowska,
Research and Innovation
Development Manager,
National Biofilms
Innovation Centre (NBIC)



Save the Date!
**2023 Montana
Biofilm Meeting**
July 11-13
Bozeman, MT