



## 2022 SEACM Annual Meeting

November 10-12, 2022  
DoubleTree by Hilton - Midlothian  
1021 Koger Center Blvd, Richmond, VA  
23235

SEACM is has applied for approval as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E. ® Program. Instruction Level is Intermediate. Speakers' objectives presented prior to the start of the program.

### Workshops: Thursday, November 10

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10:00 am	<b>Registration</b>
11:30 am – 1:00 pm	Lunch
1:30- 4:00 pm	<b>Workshop: Preparing for the Next Pandemic- What Your Lab Needs to do Now</b> Corrie Simons, MLT(ASCP)M Microbiology Manager Duke University Medical Center Durham, NC Summary: The COVID-19 pandemic presented a number of challenges for clinical microbiology laboratories. It also presented several lessons that serve as a roadmap for the next pandemic/infectious disease emergency. During this workshop we will discuss these lessons learned from multiple perspectives: staffing, supply chain, test validation and deployment, etc. Attendees will be able to create their own preparedness strategies that take these issues into account, in the context of their own laboratories and healthcare systems. 2.5 credit hours
5:00 – 8:00 pm	Exhibit Hall Grand Opening
6:00 – 8:00 pm	Exhibits and SEACM Wine & Cheese Reception

### General Session Topics: Friday, November 11, and Saturday, November 12

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#### Friday Symposia – November 11, 2022

7:30 am	<b>Registration</b>
8:00 – 8:15 am	<b>Introduction</b>
8:15 – 9:15 am	<b>Exploring the Changing Reimbursement of Syndromic Panels and the Impact to Laboratories</b> Stephanie Ibbotson, MPH, CMA Director, Market Access & Reimbursement Affairs DiaSorin, LLC Stillwater, MN Summary: Review the different testing algorithms for pathogen testing using molecular diagnostics. The implication of testing used on billing and reimbursement will be explored from the perspective of the recent Palmetto/MoIDX coverage determinations. 1.0 credit hours
9:15 – 10:15 am	<b>Liaison MeMed-BV Assay: An Innovative Approach to Differentiate Bacteria from Viral Etiology in Acute Infections</b> Jim Prendergast, RPh Director, Science & Clinical Education DiaSorin, LLC Stillwater, MN

Summary: A review of a novel diagnostic assay that utilizes innovative host response technology to quickly and accurately differentiate bacterial from viral infection. This is in conjunction with clinical assessments and other laboratory findings in patients with suspected acute bacterial or viral infection. Additionally, we will look at how this solution potentially impacts antibiotic utilization in the acute setting. 1.0 credit hours

10:15 – 10:45 am

**Break in Vendor Hall**

10:45 – 11:45 am

**A Microbiology Perspective on Fetroja (Cefiderocol): A Unique Siderophore Cephalosporin for the Treatment of Difficult-to-Treat Infections Due to Susceptible Gram-negative Pathogens**

Christopher Doern, PhD, D(ABMM)  
Director of Microbiology  
Associate Professor of Pathology VCU Medical Center  
Richmond, VA

Summary: Discuss a new drug, Cefiderocol (Fetroja), which is intended for the treatment of multidrug resistant Gram-negative infections, including susceptibility testing, validation, mechanisms of activity, and clinical data for cefiderocol. 1.0 credit hours

11:45 am – 12:15 pm

**SEACM Business Meeting**

12:15 – 1:45 pm

**Exhibits and Complimentary Lunch**

2:00 – 3:00 pm

**Utility of wastewater testing in monitoring an outbreak**

Amy Mathers, MD, D(ABMM)  
Associate Professor of Medicine and Pathology  
Associate Director of Clinical Microbiology  
Medical Director, Clinical Microbiology Laboratory  
University of Virginia Medical Center  
Charlottesville, VA

The pandemic revealed how using wastewater as a specimen type could be used to passively do both pooled testing at a building level as well as monitor community transmission of SARS CoV-2. The presentation will cover different use cases for wastewater testing as well as method considerations around molecular microbiology detection from of this specimen. 1.0 credit hours

3:00 – 4:00 pm

**Antimicrobial Susceptibility Testing**

Kevin Alby, PhD, D(ABMM)  
Associate Professor  
Associate Director, Clinical Microbiology Laboratory  
University North Carolina Medical Center  
Chapel Hill, NC

Summary: Discussion of challenging cases in antimicrobial susceptibility testing. 1.0 credit hours

4:00 – 4:15 pm

**Break**

4:15 – 5:15pm

**Best Practices for Blood Cultures**

Gerald A. Capraro, PhD, D(ABMM)  
bioMérieux | Sr. Director Global Medical Affairs-Microbiology  
Durham, NC

Summary: This session will discuss the best practices in collection and workup of blood cultures to aid in the diagnosis and treatment of bloodstream infections. Routine laboratory workflow of traditional and rapid methods for identification of bloodstream pathogens will be reviewed. An overview of rapid methods for detection of antimicrobial resistance and antimicrobial susceptibility testing will be provided. 1.0 credit hours

## Saturday Symposia – November 12, 2022

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8:00 – 8:50 am

### **Breakfast**

9:00 – 10:00 am

### **Next Generation Sequencing for the Micro Lab**

Alexandra Bryson, Ph.D, D(ABMM)  
Director of Clinical Microbiology  
Virginia Commonwealth University Health System  
Richmond, VA

Summary: Next Generation Sequencing (NGS) is becoming increasingly important in the field of Clinical Microbiology. This lecture addresses the basic principles of how the technologies work, challenges for implementing NGS in a clinical laboratory, and how NGS is being used. 1.0 credit hours

10:00 – 11:00 am

### **Diagnosis of Pharyngitis**

Mark Gonzalez, PhD, D(ABMM)  
Director, Microbiology  
Children's Healthcare of Atlanta  
Atlanta, GA

Summary: Overview of the pathogens associated with pharyngitis and important pre-analytic factors regarding which patients should be tested. There will also be a discussion of the different testing methodologies available and reporting of results. 1.0 credit hours

11:00 – 12:30 pm

### **Ask the Experts**

Alexandra Bryson, PhD, D(ABMM)  
Mark Gonzalez, PhD, D(ABMM)  
Gerald Capraro, PhD, D(ABMM)  
Chris Doern, PhD, D(ABMM)  
Kevin Alby, PhD, D(ABMM)

Summary: Open forum to discuss technical questions about clinical microbiology among panel members and participants. 1.5 credit hour