



NACMID

Northeast Association for Clinical
Microbiology and Infectious Disease

NACMID's *Thirty Eighth Annual Meeting* presents:

Turning a New Leaf: Re-building Tradition from Innovation



ATTENTION!!

Please note:
Changes made to
Workshops A & D
from previously
published
schedule.

DoubleTree by Hilton- Nashua
2 Somerset Pkwy
Nashua, NH 03063

September 22 & 23, 2025

At A Glance: **Monday September 22**

ATTENTION!! Please note: Changes were made to Workshops A & D from previously published schedule.

You are welcome to attend any workshop you'd like in each block!

7:00 – 8:00a		Registration and Free Coffee in Conference Center Lobby
Block 1 8 – 12:30p (break at 9)	Workshop A	Laboratory Identification of Blood Parasites <i>Blaine Mathison, BS, M(ASCP) – ARUP Laboratories</i> <i>Sponsored by</i> 
	Workshop B	Microbiology Specimen Management and Diagnostic Stewardship <i>Robert C. Jerris, PhD, D(ABMM) – Advanced Diagnostics, Children's Healthcare of Atlanta</i> <i>J. Michael Miller, PhD, D(ABMM) – Centers for Disease Control and Prevention (Retired)</i>
	Workshop C	Applying NGS in Infectious Diseases: From Theory to Real-World Use <i>Emily Snavelly, PhD, D(ABMM) – University of Virginia Health System</i>
9 - 10:30p		Coffee, Snacks, Exhibits, Games <i>Coffee Sponsored by</i> 
12:30 - 2:30p		Lunch Buffet, Exhibits, Posters Game Winners Announced (must be present to win)
Block 2 2:30 – 5:00p	Workshop D	Gastrointestinal Parasites; Revisiting and Rebooting our Knowledge of Organisms, Detection Methods, and Practical Laboratory Issues <i>Marc Roger Couturier, PhD, D(ABMM) – NorDx Laboratory, MaineHealth</i>
	Workshop E	What is New in Antimicrobial Susceptibility Testing? <i>Romney Humphries, PhD, D(ABMM) – Vanderbilt University Medical Center</i>
5:00 – 6:00p		WINE AND CHEESE VENDOR RECEPTION (Free to all) <i>Reception sponsored by</i> 
6:00 – 7:00p	KEYNOTE SPEAKER	Measles Immunological Amnesia and the Outsized Benefits of Vaccination <i>Michael Mina, MD, PhD – MIT Public Health and Resilience Lab</i> ASCP CMLC Continuing Ed Credits not available for keynote address

Updated!

Updated!

Keynote Address

Monday September 22, from 6-7pm

Measles Immunological Amnesia and the Outsized Benefits of Vaccination

Michael Mina, MD, PhD



Michael Mina, MD, PhD is a Physician-Scientist whose work spans epidemiology and immunology of infectious diseases and vaccines, and the development of new mathematics and new biotechnologies. He is also a laboratory medicine physician.

He was previously a professor at Harvard School of Public Health, where his lab focused on the development of new synthetic biology approaches to measure and evaluate the immunologic repertoire to infections and vaccines across populations. He was also an assistant professor of pathology at Harvard Medical School and Associate Medical Director of Clinical Molecular Virology at the Brigham and Women's Hospital. He helped push initiate the COVID-19 testing platform at the Brigham and he founded, developed and helped to lead the COVID-19 testing platform at the Broad Institute of MIT and Harvard, which provided testing for much of the Northeast US.

He has led or helped to lead numerous major scientific discoveries. For instance, he led the work that first uncovered that measles erases previously acquired immunological memory, in a process called Measles Immune Amnesia. He also helped to make the discovery that linked infection with EBV to Multiple Sclerosis. Dr. Mina also led much of the early work that led to the availability of rapid COVID-19 tests in the home and has published extensively on the distinctions in test characteristics when tests are used for public health versus medicine.

Dr. Mina serves as an advisor to state, federal and international governments, as a scientific advisor to major corporations and as a fractional Chief Medical or Science Officer to numerous biotechnology companies. He is the recipient of numerous national and international awards including from the NIH Director and most recently being honored with the Medical Merit Award from the Crown Prince of Bahrain for his support of that country during the pandemic.

Dr. Mina is also the co-director of the MIT Public Health and Resilience Lab – a center that is forging a path towards a sustainable public health ecosystem that is focused at the intersection of the private and public sectors.

About this Keynote session: Measles, once eliminated in the United States is now at risk of a resurgence owing to low vaccine uptake – in part owing to a perception that measles is just a benign childhood viral infection. However, many of the risks associated with measles rest in the impacts that the virus has on the immune system, both short and long term. This talk will describe the insidious long-term impact of measles infectious on erasing previously acquired immunological memory, in a process called Measles Immune Amnesia, and will show that before vaccines, measles immune amnesia was associated with as much as half of all childhood infectious diseases deaths – making the elimination of measles through measles vaccines one of the most important public health initiatives ever undertaken.

The Keynote Address and Wine & Cheese are free, but you must register online if not attending the conference.

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At A Glance: Tuesday September 23

7:00 – 8:00a		Registration and Free Coffee in Conference Center Lobby
Block 1 8:00 – 9:00a	Session A	Blood Cultures Backwards and Forward <i>Matthew A. Pettengill, PhD, D(ABMM) – Thomas Jefferson University Hospital</i>
	Session B	Evidence-Based Laboratory Medicine Practice Guidelines <i>Donna Wolk, MHA, PhD, D(ABMM) – Geisinger</i>
	Session C	Challenges in the Diagnosis of Fungal Infections <i>Esther Babady, PhD, D(ABMM), FIDSA, FAAM – bioMérieux</i> <i>Sponsored by</i> 
9:00 - 10:30a		Coffee, Snacks, Exhibits, Games <i>Coffee Sponsored by</i> 
Block 2 10:30 – 11:30a	Session D	Utility of Digital Images Captured After 4 hours of Incubation on a Microbiology Laboratory Automation System in Guiding the Work-Up of Subcultures from Positive Blood Cultures <i>Melvilí Cintrón, PhD, D(ABMM) – Memorial Sloan Kettering Cancer Center</i> <i>Sponsored by</i> 
	Session E	Emerging and Re-emerging Pathogens: An Update for Clinical Laboratorians <i>Ben T. Bradley, MD, PhD – ARUP Laboratories</i> <i>Sponsored by</i> 
	Session F	Vaginal Cultures or NAAT for Vaginitis/ Vaginosis: What's the Verdict? <i>Phyu Thwe, PhD, D(ABMM), MLS(ASCP)^{CM} – Montefiore Medical Center</i>
Block 3 Vendor Focused Talks 11:30 - 12:30p ASCP CMLE Continuing Ed Credits not available for BLOCK 3 sessions	Session G	CHROMagar So Bright – You Gotta Wear Shades: Paving the Way to Brilliant Detection and Differentiation <i>Nathan Ledeboer, PhD, D(ABMM), F(AAM) – Froedtert Health, Medical College of Wisconsin</i> <i>Norman Sharples, MS - CHROMagar</i> <i>Presented by</i>  P.A.C.E. Note: Vendor has received ASCLS P.A.C.E. continuing education credits for this session!!
	Session H	Strengthening Partnerships Between Hospital and State Labs Using the IR-Biotyper <i>Phil Jessmon, PhD - Bruker</i> <i>Melissa Guenther, MPH, MLS(ASCP)^{CM} - New Hampshire Department of Health</i> <i>Presented by</i> 
	Session I	Ceftobiprole: A New Instrument in the Toolbox <i>David P. Nicolau, PharmD, FCCP, FIDSA – Innoviva Specialty Therapeutics</i> <i>Presented by</i> 
12:30 - 2:30p		Lunch Buffet, Exhibits, Student Posters Game Winners Announced (must be present to win)
2:30 - 2:45p		NACMID Business Meeting – All are welcome! <i>Andrew Berens, MBA, MLS(ASCP)^{CM}SM^{CM} – NACMID President</i>
Block 4 2:50 – 3:50p	Session J	"Parasite AI Has Entered the Chat": Parasitology Finally Leads the Field in Clinical Microbiology <i>Marc Roger Couturier, PhD, D(ABMM) – NorDx Laboratory, MaineHealth</i>
	Session K	Speeding to Solutions for Sepsis: Fast Phenotypic Susceptibility in the Era of Rapid Molecular Identification <i>Alexa Ekchian, MS, PA-C – bioMérieux</i> <i>Sponsored by</i> 
	Session L	Lab Life After a New LIS and EMR: Epic Successes and Lessons Learned <i>Eric Ransom, PhD, D(ABMM) – University Hospitals Cleveland Medical Center</i>
Block 5 4:00 – 5:00p	Session M	Panel Discussion: Reference Labs - Friend or Foe? Perspectives on Expansion into Hospital-Based Testing <i>Eric Ransom, PhD, D(ABMM) – University Hospitals Cleveland Medical Center</i> <i>Matthew A. Pettengill, PhD, D(ABMM) – Thomas Jefferson University Hospital</i> <i>Beverly L. Orr, MT(ASCP) – Tufts Medical Center</i> <i>Moderated by: Christopher Doern, PhD, D(ABMM) – VCU Health System</i>

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Registration Details

To register for NACMID 2025, scan the black QR code or go to www.NACMID.org/2025-conference and click "Register".

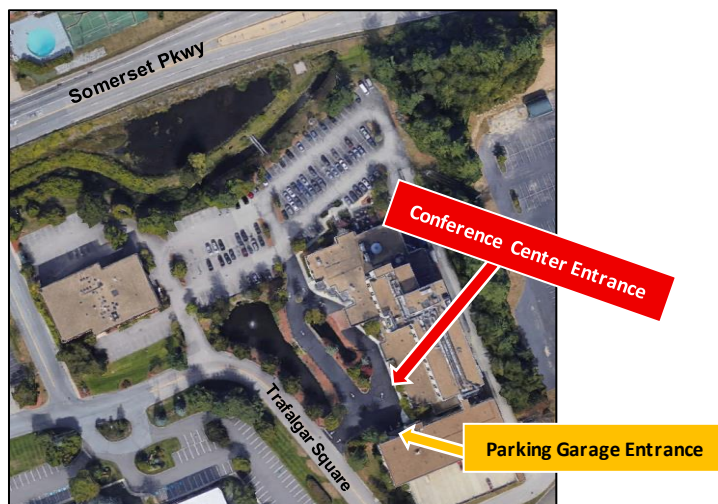
Parking is **FREE** for all attendees in the parking garage attached to Conference Center!

Registration



DoubleTree by Hilton – Nashua
2 Somerset Pkwy
Nashua, NH 03063

Note: For most accurate GPS directions, you may need to use "DoubleTree by Hilton Nashua" instead of the address.



NACMID offers your institution the opportunity to purchase an **Institution Pass** for Workshops and Sessions

The **Institution Pass** allows **two people** from **one institution** to share a two-day registration. They can each come separate days or they can both come on the same day

- ☑ Lunch tickets and CMLE Continuing Education credits are offered to both registrants on an Institution Pass. Sending a team? Multiple Institution Passes may be purchased as needed!

Please indicate on the registration form the name and day each person will be attending.

Attendee Pricing (Includes Lunch and CMLE Continuing Education Credits):

Registration Options	NACMID Members	Non-Members	Students**	Early Bird Before Aug 15
One Day Registration (one person)	\$110	\$145	\$30**	10% OFF!!!
Two Day Registration (one person)	\$160	\$210	\$60**	10% OFF!!!
Institution Pass (two people)	\$195/ two attendees			

Early Bird?? Use Coupon Code:
NACMID

**** To qualify as a "Student" for discounted admission**, you must be currently enrolled **full-time** in an associate's or bachelor's Medical Laboratory degree program or Biology/ Microbiology Degree program. Student ID and proof of degree program may be required at check-in the day of the event. Formal employer-based clinical laboratory structured training programs also apply- with proof of enrollment. **Graduate degree or above do not qualify**. By adhering, you are helping us be able to offer these opportunities to future Microbiologists.

For questions about student eligibility or issues with registration, please reach out to rebecca.zaffini@gmail.com

Registration materials (including name badges) will be ready for each participant on the day of their arrival. Registrants are encouraged to bring notebook and pen or laptop computer for note taking.



Hotel Room Block

NACMID has a negotiated room rate of **\$159/night** at the **DoubleTree by Hilton – Nashua**. To reserve a room using this rate, scan the **green** QR code or visit link on registration pag

Using this link helps us keep the costs of NACMID lower!

For questions about hotel/ travel, please reach out to mmartha.wilson@gmail.com

Hotel Rooms



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NACMID 2025 | Nashua, NH

Full Workshop and Session Descriptions and Objectives

ATTENTION!! Please note: Changes were made to Workshops A & D from previously published schedule.

Monday September 22, 2025		
Monday Block 1 8:00a – 12:30p (break at 9)	 Laboratory Identification of Blood Parasites <i>Blaine Mathison, BS, M(ASCP) – ARUP Laboratories</i> Sponsored by  Workshop A This lecture will cover didactic morphologic identification of blood parasites, with an emphasis on avoiding common distractors that may lead to misidentification. Morphologic features of Plasmodium, Babesia, trypanosomes, and microfilariae will be discussed in detail, as well as non-microscopic diagnostic methods when appropriate, as well as biology, taxonomy, and epidemiology. <i>Level: Intermediate</i> Objectives: - Describe common dogmas associated with blood parasite identification and how to avoid them - List the major morphologic features separating Babesia from Plasmodium - List non-microscopic diagnostic methods for Chagas disease - Describe key features used in identifying microfilariae	
	Microbiology Specimen Management and Diagnostic Stewardship <i>Robert C. Jerris, PhD, D(ABMM) – Advanced Diagnostics, Children’s Healthcare of Atlanta</i> <i>J. Michael Miller, PhD, D(ABMM) – Centers for Disease Control and Prevention (Retired)</i> Workshop B This workshop will provide a foundation and support for the microbiology laboratory to strengthen its specimen management policy and offer insight into the laboratory’s role in diagnostic stewardship. In addition to general policy outlines, topics will include both the clinical and diagnostic approaches for optimizing specimen results for blood, CSF and other body fluids, respiratory, gastrointestinal, genital, bone, joint, eye, urine, and wound specimens. Attendees will be engaged in evaluating their current processes and discussing how changes might be made when necessary. Specimen acceptance and rejection criteria will be emphasized, as will methods of communicating laboratory needs to physicians and staff who select and collect specimens. <i>Level: Intermediate</i> Objectives: - Outline the policies of specimen management that will optimize diagnostic laboratory results in Microbiology - Describe the role of the microbiology laboratory in diagnostic stewardship - Review the processes of specimen selection, collection, transport, and storage that promote accurate results - Define acceptance and rejection criteria for microbiology specimens	
	Applying NGS in Infectious Diseases: From Theory to Real-World Use <i>Emily Snavey, PhD, D(ABMM) – University of Virginia Health System</i> Workshop C This workshop offers a guided introduction to next-generation sequencing (NGS) and its expanding role in clinical microbiology. The session begins with a foundational overview of sequencing technologies—including whole genome, amplicon-based, and metagenomic approaches—before transitioning to case-based applications from both clinical and public health settings. Attendees will explore how NGS is being used for pathogen identification, outbreak investigation, and the resolution of diagnostically challenging cases, with examples drawn from the implementation and use of NGS at an academic health system. The session will also touch on key considerations when sending out versus bringing NGS testing in-house, and current efforts to define best practices through interlaboratory comparison. Whether you’re looking to better understand NGS reports or evaluate how this technology fits into your lab’s future, this session will offer practical insights grounded in real-world use. <i>Level: Basic</i> Objectives: - Explain key concepts in next-generation sequencing, including differences among whole genome, amplicon-based, and metagenomic approaches. - Identify laboratory and clinical situations where NGS offers actionable diagnostic or epidemiologic insights. - Evaluate case-based examples to determine how NGS data can influence clinical decision-making or outbreak response. - Summarize emerging efforts to standardize infectious disease NGS workflows and assess interlaboratory variation.	
Monday Block 2 2:30 – 5:00p	 Gastrointestinal Parasites; Revisiting and Rebooting our Knowledge of Organisms, Detection Methods, and Practical Laboratory Issues <i>Marc Roger Couturier, PhD, D(ABMM) – NorDx Laboratory, MaineHealth</i> Workshop D This session will review the conventional biology and medical impact for gastrointestinal parasites including protozoa and helminths. Salient features and diagnostic pitfalls will be discussed for various organisms. In addition to traditional microscopy; antigen detection, whole slide imaging and artificial intelligence (AI), histopathology, and nucleic acid amplification tests (NAAT) will be discussed in the context of proper utilization, strengths, weaknesses, and pitfalls. In addition to these recent advances and utilization issues, we will revisit some of the dogmas that exist in the field that have been debunked, perpetuated, or simply not broadly considered. Finally, patient cases will be reviewed as a primer for recognizing appropriate cases for test use and epidemiological clues for which parasites to expect in a stool specimen. <i>Level: Intermediate</i> Objectives: - Review the life cycle and identifying features of common gastrointestinal parasites - Recognize the pathogenic potential of gastrointestinal parasites - Discuss non-microscopy methods for parasite detection versus conventional microscopy - Recognize the dogmas and conventions that exist in parasitology that need revisiting - Understand patient presentation/risk factors and appropriate test utilization to guide physicians	

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Monday Block 2 (cont.) 2:30 – 5:00p	Workshop E	What is New in Antimicrobial Susceptibility Testing? <i>Romney Humphries, PhD, D(ABMM) – Vanderbilt University Medical Center</i> This workshop will evaluate updates to the CLSI AST subcommittee from 2024 and 2025. Specific topics covered will include streamlining quality control testing, new breakpoints, how to navigate testing of <i>Burkholderia cepacia</i> complex and novel antimicrobial agents. <i>Level: Intermediate</i> Objectives: • Describe a strategy for streamlining AST quality control testing according to CLSI guidelines • Evaluate testing of novel antimicrobial agents for Gram-negative bacteria • Discuss recent CLSI breakpoint updates
5:00 – 6:00p	WINE AND CHEESE VENDOR RECEPTION (Free to all) Free appetizers and 1 free drink per person, then cash bar	
Monday 6:00 – 7:00p	KEYNOTE SPEAKER Continuing Ed Credits (CMLE) not offered for Keynote	Measles Immunological Amnesia and the Outsized Benefits of Vaccination <i>Michael Mina, MD, PhD – MIT Public Health and Resilience Lab</i> Measles, once eliminated in the United States is now at risk of a resurgence resurgence owing to low vaccine uptake – in part owing to a perception that measles is just a benign childhood viral infection. However, many of the risks associated with measles rest in the impacts that the virus has on the immune system, both short and long term. This talk will describe the insidious long-term impact of measles infectious on erasing previously acquired immunological memory, in a process called Measles Immune Amnesia, and will show that before vaccines, measles immune amnesia was associated with as much as half of all childhood infectious diseases deaths – making the elimination of measles through measles vaccines one of the most important public health initiatives ever undertaken. <i>Level: Intermediate</i> Objectives: • Understand the association between measles vaccination and changes in all cause childhood disease • Understand the mechanisms underlying how measles invades and infects the body • Understand how measles eliminates previously existing immunity and the toll on individual and population health

	Tuesday September 23, 2025	
Tuesday Block 1 8:00 – 9:00a	Session A	Blood Cultures Backwards and Forward <i>Matthew A. Pettengill, PhD, D(ABMM) – Thomas Jefferson University Hospital</i> The most important function of the clinical microbiology laboratory is the detection and characterization of organisms causing bloodstream infections. We will discuss several preanalytical factors that have a considerable impact on the sensitivity and specificity of blood cultures, and also the reasons why blood cultures have particularly low sensitivity for fungi and AFB and what can be done about it. We will also cover the impact of newer technologies for rapid identification of organisms in positive blood cultures on patient outcomes, and how EMR decision support can reduce unnecessary blood cultures in pursuit of diagnostic stewardship or emergency reagent shortage response. <i>Level: Intermediate</i> Objectives: • For the attendees to learn about the impact of preanalytical steps in blood culture, including volume per bottle and contamination prevention, and concrete ways that the lab can help improve performance of these measures • For the attendees to learn why routine blood cultures have poor sensitivity for fungi and AFB and what the lab can change to improve it • For the attendees to understand the impact of rapid diagnostic testing for positive blood cultures on patient outcomes and the need to advocate for these technologies and the staffing necessary to operationalize them • For attendees to learn about how electronic medical record ordering system decision support can reduce unnecessary utilization of blood cultures
	Session B	Evidence-Based Laboratory Medicine Practice Guidelines <i>Donna Wolk, MHA, PhD, D(ABMM) – Geisinger</i> Dr. Wolk will review the basic differences between a literature review, consensus guidelines, and an Evidence-based Laboratory Medicine Practice Guidelines (EBLMPG). As a medical laboratory scientist and doctoral director, she will translate the guidelines for laboratory staff and leadership. She will discuss strategies to use the EBLMPG for strategic and business plans for staff, equipment, and new diagnostic initiatives. She will relay her personal experiences and data from rapid testing of bloodstream pathogens and describe how interested parties can support future EBLMPGs. <i>Level: Intermediate</i> Objectives: • Review the History of Laboratory Medicine Best Practices and how they evolved into the American Society for Microbiology's Evidence-based Laboratory Medicine Practice Guidelines (EBLMPG). • Define the process of a systematic review and compare it to a literature review and consensus guidelines. • Describe the process to perform a meta-analysis and what it means for clinical microbiology laboratories, strategic business planning, and insurance reimbursement for testing. • Discuss the most recent EBLMPG, (Diagnosis of bloodstream infections using rapid tests). • Learn how you can get involved with the ASM EBLMPG process
	Session C	Challenges in the Diagnosis of Fungal Infections <i>Esther Babady, PhD, D(ABMM), FIDSA, FAAM – bioMérieux</i> The incidence of fungal infection is on the rise particularly in transplant/oncology patients. The diagnosis of invasive fungal infection is often delayed, and current methodologies are not always adequate. Less progress for fungal diagnosis has been made in the last several years. This presentation will review the current state of invasive fungal infection and available diagnostic tools with additional focus on the use of Beta-D-glucans. <i>Level: Intermediate</i> Objectives: • List patient populations at risk for invasive fungal infections • Describe the challenges associated with the diagnosis of fungal infections • Review the utility of Beta-D-Glucans in the diagnosis of fungal infections

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Tuesday Block 2 10:30 – 11:30a	Session D	Utility of Digital Images Captured After 4 hours of Incubation on a Microbiology Laboratory Automation System in Guiding the Work-Up of Subcultures from Positive Blood Cultures <i>Melvilí Cintrón, PhD, D(ABMM) – Memorial Sloan Kettering Cancer Center</i> Sponsored by  Rapid availability of organism identification (ID) and antimicrobial susceptibility testing (AST) results is crucial for the proper management of patients with bloodstream infections. However, a limiting factor is the overnight incubation required for isolating bacteria in solid media from positive blood cultures (BC). Microbiology Laboratory Automation (MLA) provides the ability to capture digital images that allow for early review of cultures without disturbing the incubation conditions. This in turn can facilitate early ID and AST. In this talk, the utility of a 4 h image for blood culture work up will be discussed. <i>Level: Intermediate</i> Objectives: • Introduce Microbiology Laboratory Automation (MLA) • Understand MLA's benefits and limitations, implementation considerations, and impact of automating laboratory processes • Discuss the utility of early reading times using MLA and impact on blood culture workup
	Session E	Emerging and Re-emerging Pathogens: An Update for Clinical Laboratorians <i>Ben T. Bradley, MD, PhD – ARUP Laboratories</i> Sponsored by  In this lecture we will explore some recently emerging (mpox and influenza A(H5)) and re-emerging (measles and pertussis) pathogens that may be encountered in the clinical laboratory. Special emphasis will be placed on how these outbreaks originated and the role lab testing can play in helping control spread. A practical discussion will focus on challenges in assay validation for newly emerging or re-emerging pathogens and what steps your laboratory can take to be prepared for the next outbreak. Objectives: • List the environmental and societal causes that have led to the emergence and re-emergence of infectious agents • Describe challenges encountered by laboratories looking to develop assays for emerging and re-emerging pathogens • Explore how clinical, commercial, and public health laboratories can work in unison to improve patient access to infectious disease testing
	Session F	Vaginal Cultures or NAAT for Vaginitis/ Vaginosis: What's the Verdict? <i>Phyu Thwe, PhD, D(ABMM), MLS(ASCP)^{CM} – Montefiore Medical Center</i> Vaginitis is one of the leading causes of gynecological-related infection among women of all ages, resulting in a healthcare burden. The diagnostic methods for vaginitis/vaginosis have evolved over the past decade. Despite the widespread availability of highly sensitive and specific nucleic acid amplification tests (NAATs), which have replaced microscopy-based diagnosis of bacterial vaginosis (i.e., Amsel score and Nugent scoring), the clinical utility of vaginal cultures remains unclear. Here, we will discuss the benefits and disadvantages of NAAT vs. vaginal cultures, with consideration on stewarding appropriate test utilization for vaginitis/vaginosis diagnosis. <i>Level: Intermediate</i> Objectives: • Understand the pathology and conventional diagnostic approaches for vaginitis/ vaginosis • Appreciate the evolution of testing methods for vaginitis diagnosis • Understand the clinical utility of genital cultures vs. molecular techniques for diagnosing bacterial/ Candida vaginitis/ vaginosis
Tuesday Block 3 Vendor Focused Talks 11:30a - 12:30p Continuing Ed Credits (CMLE) not offered for BLOCK 3 but we will offer special attendance rewards.	Session G	CHROMagar So Bright – You Gotta Wear Shades: Paving the Way to Brilliant Detection and Differentiation <i>Nathan Ledeboer, PhD, D(ABMM), F(AAM) – Froedtert Health, Medical College of Wisconsin</i> <i>Norman Sharples, MS - CHROMagar</i> Presented by  Join us for an illuminating session on cutting-edge chromogenic media solutions for the detection and differentiation of clinically relevant pathogens, from CRE to CRAB, and to learn about the changes in hospital epidemiology prompting the need for screening.
	Session H	Strengthening Partnerships Between Hospital and State Labs Using the IR-Biotyper <i>Phil Jessmon, PhD - Bruker</i> <i>Melissa Guenther, MPH, MLS(ASCP)^{CM} - New Hampshire Department of Health</i> Presented by  In this session, Phil Jessmon (IRBT Specialist) and Melissa Guenther (Microbiology Section Chief, NH Public Health Laboratories) will explore how the IR Biotyper[®] can enhance partnerships between Hospitals and Public Health Labs when investigating outbreaks or microbial pathogens of interest. In particular, challenges with more complex genotypic approaches—such as Whole Genome Sequencing—and current financial constraints at local, state, and federal levels present a unique opportunity to leverage these partnerships. The talk will highlight the concept of advocating for the strategic use of phenotypic tools like the IR Biotyper[®] alongside genomic approaches. Through a case study involving Salmonella, the presenters will compare the advantage of utilizing the IR Biotyper[®] in both Hospital and Public Health settings to quickly narrow the focus and resources needed for investigations.
	Session I	Ceftobiprole: A New Instrument in the Toolbox <i>David P. Nicolau, PharmD, FCCP, FIDSA – Innoviva Specialty Therapeutics</i> Presented by  This session will discuss the epidemiology and evolution of <i>Staphylococcus aureus</i>, overview of conventional therapeutic approaches and introduction of ceftobiprole to the antimicrobial armamentarium.

P.A.C.E.

Note: Vendor has received ASCLS P.A.C.E. continuing education credits for this session!!

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2:30 - 2:45p		NACMID Business Meeting – All are welcome! <i>Andrew Berens, MBA, MLS(ASCP)^{CM}SM^{CM} – NACMID President</i> Discuss organization finances, updates, and elections.
Tuesday Block 4 2:50 – 3:50p	Session J	“Parasite AI Has Entered the Chat”: Parasitology Finally Leads the Field in Clinical Microbiology <i>Marc Roger Couturier, PhD, D(ABMM) – NorDx Laboratory, MaineHealth</i> Diagnostic parasitology has long suffered from stagnation of the methodology available to the average clinical laboratory. Largely, the microscope still serves as the primary detection modality with antigen and molecular testing only filling a small gap in the testing repertoire. Artificial intelligence and machine learning algorithms have shown value in various disciplines of pathology, with diagnostic parasitology actually leading the field within microbiology. This session will explore three such advents of AI in clinical parasitology that are in use or in development. Such applications include the trichrome stain, modified acid-fast stain, and the wet mount examination, each for stool preparations. These advances have improved workflows as well as sensitivity and accuracy for diagnosing gastrointestinal parasites. Other areas of AI use in parasitology will be briefly discussed. <i>Level: Advanced</i> Objectives: • Review the use of traditional parasitology testing for gastrointestinal parasites • Recognize the value and role of AI for trichrome stain interpretation and screening • Recognize the diagnostic yield and role of wet-mount screening with AI • Understand other emerging applications of AI in parasitology
	Session K	Speeding to Solutions for Sepsis: Fast Phenotypic Susceptibility in the Era of Rapid Molecular Identification <i>Alexa Ekchian, MS, PA-C – bioMérieux</i> Sponsored by  This session will aim to discuss and understand the role of rapid molecular diagnostics for bloodstream infections and consider the importance of fast antimicrobial susceptibility testing (AST) in the septic patient. <i>Level: Intermediate</i> Objectives: • Understand the role of rapid molecular diagnostics for bloodstream infections • Consider the importance of fast antimicrobial susceptibility testing (AST) in the septic patient • Explore fast AST technologies • Discuss considerations for the implementation of fast AST
	Session L	Lab Life After a New LIS and EMR: Epic Successes and Lessons Learned <i>Eric Ransom, PhD, D(ABMM) – University Hospitals Cleveland Medical Center, Case Western Reserve University School of Medicine</i> Are you switching to a new LIS or EMR? Maybe you recently transitioned or are an experienced Epic user curious how another health system improved their Epic system? This session will provide insight into switching an LIS and EMR across a large academic health system. The session will also highlight successful optimization efforts to better the life of the patient, provider, and lab. <i>Level: Intermediate</i> Objectives: • Describe the process of implementing a new LIS/ EMR • Describe the challenges at go-live and the resolutions • Recall the improvement initiatives involving lab workflow, provider ordering, and quality monitoring
Tuesday Block 5 4:00 - 5:00p	Session M	Panel Discussion: Reference Labs - Friend or Foe? Perspectives on Expansion into Hospital-Based Testing <i>Eric Ransom, PhD, D(ABMM) – University Hospitals Cleveland Medical Center</i> <i>Matthew A. Pettengill, PhD, D(ABMM) – Thomas Jefferson University Hospital</i> <i>Beverly L. Orr, MT(ASCP) – Tufts Medical Center</i> Moderated by: <i>Christopher Doern, PhD, D(ABMM) – VCU Health System</i> As hospital Microbiology labs are increasingly acquired by reference laboratories, this panel will explore the clinical, operational, and workforce implications of this shift. Experts will discuss the benefits and drawbacks of consolidation/ acquisition, including impacts on turnaround times, diagnostic stewardship, outbreak response, and onsite expertise. Attendees will gain insights into how these changes are shaping the future of Clinical Microbiology. <i>Level: Basic</i> Objectives: • Describe the key operational and clinical factors driving the acquisition of hospital microbiology labs by reference labs • Evaluate the potential benefits and drawbacks of reference lab acquisition on diagnostic accuracy, turnaround times and patient care outcomes • Discuss the impact of lab acquisition on workforce structure, onsite expertise, and training opportunities for microbiologists

For Updates/ Alerts, find **Northeast Association for Clinical Microbiology and Infectious Disease** on:



New logo reveal: Attend the 2025 Conference for the launch of our NEW LOGO! Free giveaways to celebrate!

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Northeast Association for Clinical Microbiology and Infectious Disease

NACMID was organized in the spring of 1983 and formally incorporated as a non-profit organization on July 1, 1983. The purpose of the association is to promote scientific knowledge of clinical microbiology and infectious diseases. **All board members and committee members are volunteers who donate their time to furthering education and passion for Microbiology professionals in New England and New York.** Interested in volunteering with us? See one of the members below for more information.

NACMID serves all of **New England and New York** and membership is open to anyone interested in Clinical Microbiology and Infectious Disease. Annually, all states come together for a two-day program featuring General Sessions of various topics.

Continuing changes in our field, including the work environment, government regulations, technology, and newly emerging pathogens, make continuing education for all microbiologists a necessity. We are proud to provide high quality, low-cost continuing education to laboratory professionals. We provide ASCP Continuing Medical Laboratory Education (CMLE) units to participants of all local and annual meetings.

Membership in NACMID is open to anyone interested in Clinical Microbiology or Infectious Disease. Please join or renew your membership today by going to www.NACMID.org/membership

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Interested in Joining the Board? email Shoolah at Shoolah@gmail.com

NACMID Membership is FREE, don't forget to sign up or to renew your membership today!

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