

From Detection to Decision: The Impact of On-Site Carbapenemase Testing on Patient Management and Infection Control

Thursday, February 19, 2026 | 2:00 — 3:00 pm ET

COURSE # 588-604-26

DESCRIPTION

Carbapenemase-producing organisms (CPOs) are a growing challenge for healthcare facilities, limiting treatment options and increasing the risk of spread. Webinar speakers will highlight how having CPO testing available in-house directly supports timely patient care and reduces transmission within healthcare settings. Speakers will also review available testing methods and discuss how testing decisions and reporting practices can inform treatment options and containment strategies.

AUDIENCE

This program is intended for clinical and public health laboratory staff, microbiology students, microbiology laboratory staff, epidemiologists, research scientists and anyone else interested in learning more about CPOs.

OBJECTIVES

After completing this webinar the participant will be able to:

- Describe how in-house CPO testing impacts patient management and infection prevention efforts
- Summarize laboratory methods and testing algorithms used to detect carbapenemases
- Explain how antimicrobial susceptibility testing and reporting practices support effective clinical and public health response

SPEAKERS

Presenters

- **Meagan Jenkins, PhD**, CPEP clinical and public health microbiology fellow, Johns Hopkins University
- **Shannon Murphy, PhD, D(ABMM)**, co-director, bacteriology laboratory, Johns Hopkins University

Moderator

Nikki Marchan, MPH, senior specialist, infectious diseases, APHL

ENROLL FOR FREE

Enrollment via the link above is required to access the live webinar. If you need assistance with enrollment, send us an [email](#). To participate in this live webinar, log in to the [APHL Learning Center](#) (ALC) and follow [these instructions](#). If accessing the [APHL Learning Center](#) (ALC) for the first time, [create a free APHL account](#).

Continuing Education

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. P.A.C.E.® is accepted by all licensure states except Florida. This learning activity will provide 1.0 contact hours for the participant who successfully completes this training.

Level of Instruction:

INTERMEDIATE: Refresher course; some basic knowledge is required; for the experienced staff technologist with some years of experience.

ACCESSIBILITY

In compliance with the Americans with Disabilities Act, individuals seeking special accommodations must email a request to Ashton Blair (Ashton.blair@aphl.org) prior to the live webinar. Closed captions will be available with the webinar recording.

LEARN MORE

For more information about this webinar, please email infectious.diseases@aphl.org.

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