DESCRIPTION
Identification of carbapenemase—production in gram-negative bacteria, including *Enterobacteriaceae*, *Pseudomonas aeruginosa* and *Acinetobacter baumannii* is important from clinical and public health perspectives. Either phenotypic or molecular methods can be used to detect carbapenemases. This webinar will describe in detail the steps involved in implementing the phenotypic modified carbapenem inactivation method (mCIM) with or without EDTA-modified carbapenem inactivation method (eCIM) in a clinical laboratory. Other carbapenemase assays will be discussed as will descriptions of when these tests might be useful and effective ways of reporting results from them.

OBJECTIVES
At the conclusion of the program, the participant will be able to:
- List several methods that can be used to detect carbapenemase production by *Enterobacteriaceae*, *Pseudomonas aeruginosa* and *Acinetobacter baumannii*.
- Discuss details of performing and reporting results from the mCIM and eCIM tests.
- Explain how results of carbapenemase tests might be used by the laboratory, clinicians, infection control and public health authorities.

FACULTY
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AUDIENCE
This program is designed for laboratorians and others who perform, supervise and/or utilize results of antimicrobial susceptibility tests aimed at the detection of carbapenemases.

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, Florida and CPH-recertification. P.A.C.E.® is accepted by all licensure states except Florida.

Pending approval, this webinar will provide 1.0 contact hour for participants who successfully complete this training.

REGISTRATION — REGISTER NOW!
- Registration is free!
- Site facilitator must register online at www.aphl.org/204-18.
- Registration Deadline: November 9, 2018
- Having difficulty with the online registration process? Please email registrar@aphl.org or call 240.485.2727 from 8:00 am to 4:30 pm ET.
- For program content information, please email webinar@aphl.org.

Course # 588-204-18

Participation is easy!
All that you need is a high speed Internet connection to access ZOOM, the program site. To get started, check out the Top Questions section of the FAQ page.

The Association of Public Health Laboratories (APHL) sponsors educational programs on critical issues in laboratory science.

For a complete list of APHL courses visit www.LaboratoryTraining.org