

Navigating the Fundamentals of Test Methods for Accurate Diagnosis of Arboviral Disease

Wednesday, April 3, 2024 | 3:00 — 4:00 pm ET



COURSE # 588-608-24

DESCRIPTION

This webinar will focus on the fundamentals of serologic and molecular test methods for the accurate diagnosis of arboviral disease. Dr. Amy Lambert will guide the audience through the nuances in detection of viral material and/or antibodies depending on the virus and stage of disease. She will address when a molecular-based assay is more accurate and when serology is the best diagnostic method to use.

AUDIENCE

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

OBJECTIVES

After completing this webinar the participant will be able to:

- Describe the analytes and basic principles for the two test methods
- Explain how the biology of the virus and the number of days post onset impacts the choice of test method
- Discuss the considerations in developing an arboviral diagnostic testing algorithm

SPEAKERS

Presenter

Amy J. Lambert, PhD, diagnostic and reference team lead, arboviral diseases branch, Division of Vector Borne Diseases, CDC

Moderator

Diana Riner, PhD, MSc, PHLD(ABB), virology and immunology section manager, Michigan Department of Health and Human Services Bureau of Laboratories

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

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Level of Instruction:

BASIC: Entry level; no prior knowledge of the subject is necessary.

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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