

Routine Arbovirus Sequencing for Integration into Public Health

Wednesday, March 6, 2024 | 3:00 — 4:00 pm ET



COURSE # 588-604-24

DESCRIPTION

This webinar will explore how genomic sequencing approaches for arboviral pathogens can improve our diagnostics, advance our understanding of the epidemiology and ecology of arboviruses and provide insights for transmission and vector control. We will provide an overview of genomic surveillance for different arboviral pathogens and describe high-throughput wet and dry lab approaches that can be employed. Additionally, the speakers will discuss how arboviral genomic data can impact routine public health activities.

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 arbovirus sequencing.

OBJECTIVES

After completing this webinar the participant will be able to:

- Describe genomic sequencing approaches for arboviral pathogens
- Discuss how utilizing genomic sequencing can improve our understanding of the epidemiology and ecology of arboviruses
- Explain how arboviral genomic data can inform public health practice

SPEAKERS

Presenters

- **Nathan Grubaugh, PhD**, associate professor of epidemiology (microbial diseases), Yale Institute for Global Health
- **Gilberto Santiago, PhD**, molecular diagnostics activity lead, Dengue Branch, Division of Vector-Borne Diseases, CDC

Moderator

Alexander T. Ciota, PhD, arbovirus laboratory director, NYS Department of Health

ENROLL FOR FREE

Enrollment via the link above is required to access the live webinar. If you need assistance with enrollment, please email alc@aphl.org. 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](#).

Online Access

To participate in this webinar, all 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.

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 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.

By registering for this event, you are consenting to have your information shared with APHL event collaborators, such as the Centers for Disease Control and Prevention and Public Health Laboratories. We will not, in any circumstances, share your information with other individuals or organizations without your permission, including corporations or individuals, except when applicable by law. We do not sell, communicate or divulge your information to any mailing lists.

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