Multi-Level Examination of Sequence Quality

Monday, August 24th, 2020 | 3:00 — 4:30 pm ET
Moderators: Jennifer Adams (APHL); Lavin Joseph (CDC)

DESCRIPTION
Offering methods to examine and troubleshoot sequence quality, presenters aim to provide PulseNet participants with the knowledge and tools to produce the highest quality WGS data. This leads to an implementation of more timely and effective preventative measures and improvements to food safety as a whole.

OBJECTIVES
At the conclusion of the program, the participant will be able to:
- Describe best practices in the sequence laboratory workflow to produce good quality sequences.
- Examine sequence quality in BioNumerics and using other bioinformatic tools.
- Discuss way of reducing the number of isolates resequenced to reduce the amount and cost of sequencing reagents.

Presentations by:
- Lavin Joseph, CDC
- Jenny Truong, CDC
- Taylor Griswold, CDC
- Sean Wang, Minnesota Department of Health

AUDIENCE
This webinar is intended for PulseNet participants to examine sequence quality through tools such as Sequence Analysis Viewer (SAV), FastQC, BioNumerics, and/or bioinformatics pipelines to ensure that high quality results and reproducible data are generated for more accurate cluster detection.

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.

This webinar will provide 1.5 contact hour for participants who successfully complete this training.

REGISTRATION — Register Now!
- Having difficulty with the online registration process? Please email foodsafety@aphl.org

Course # 588-616-20

Participation is easy!
All that you need is a high speed Internet connection to access ZOOM, the program site.

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