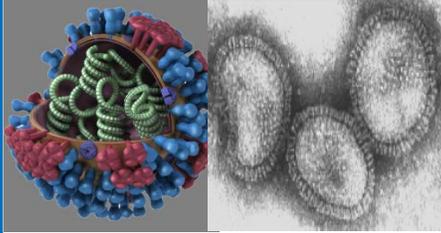


Typing, Subtyping and Genotyping Influenza Using the CDC Flu rRT-PCR Dx Panel



Sponsored by the National Laboratory Training Network in collaboration with the Influenza Division, Centers for Disease Control and Prevention; and the Influenza Program, Association of Public Health Laboratories



Course # 588-103-104-16

APPLICATION & REGISTRATION

- **FREE REGISTRATION**
- **Application Deadline: February 8, 2016**
- The [preliminary application](#) must be completed online prior to the deadline date.
- Only completed applications received by the deadline will be considered. Application does not guarantee acceptance.
- Students will be selected according to the degree to which the applicant's job description, experience, and responsibilities are consistent with the prerequisites.
- One applicant per public health lab will be accepted with a second person considered on a space available basis. Only **15** seats are available for each workshop.
- If you are unable to complete the application online, notify NLIN at 240-485-2731 or email absala.mengestab@aphl.org
- Notification of acceptance status will be sent via email by February 18, 2016.
- APHL will cover all customary economy travel costs (airfare and lodging) and provide a stipend to each qualified participant at the end of the course for other travel related expenses (per diem and ground transportation).

DESCRIPTION

This in-depth workshop is required for use of the CDC Flu rRT-PCR Dx Panel for influenza typing, subtyping and genotyping. The workshop is comprised of didactic lectures and hands-on laboratory exercises covering all components of the assays. Information regarding influenza viruses, surveillance programs, how the assays fit into influenza testing and reporting algorithms, and regulatory requirements will also be provided.

AUDIENCE

This intermediate-level program is intended for public health laboratorians working at the bench in the molecular or virology laboratory who will perform influenza detection and subtyping using the CDC Flu rRT-PCR Dx Panel.

FACULTY (Pending)

Influenza Division, National Center for Immunization and Respiratory Diseases (NCIRD)
CDC, Atlanta, GA

LOCATION

Centers for Disease Control and Prevention Atlanta, GA

OBJECTIVES

At the conclusion of this program, participants will be able to:

- Describe the characteristics, clinical presentation, and epidemiology of influenza.
- Explain the pre-analytic, analytic, and post-analytic components of the CDC Flu rRT-PCR Dx Panel for influenza detection and subtyping including recent assay updates.
- Perform all components of the CDC Flu rRT-PCR Dx Panel to detect and subtype influenza, using appropriate biosafety procedures.
- Discuss how the tests fit into the overall influenza testing and reporting algorithm and surveillance programs.
- Identify the regulatory requirements related to these tests.

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. Participants who successfully complete this program will be awarded 14 contact hours.



PRELIMINARY AGENDA



Day 1

May 23 or 25, 2016

- 8:30 a.m. Welcome and Course Overview
8:45 Safety Orientation in the Training Lab
9:00 Pre-Course Test
9:45 Break
10:00 **Lecture:** Overview of Influenza Viruses, Surveillance Networks, and Detection of Novel Influenza Viruses
11:00 **Lecture:** Specimen Collection, Handling, and Shipping
12:00 p.m. Lunch (on your own in a CDC cafeteria)
1:00 **Lecture:** Molecular Typing and Subtyping of Influenza
2:00 **Lecture:** Updates of CDC Flu rRT-PCRDX: New Configuration and Package Insert
3:15 Break
3:30 **Lecture:** Laboratory Exercise Overview
4:30 Daily Debriefing, Q/A
5:00 Adjourn

Day 2

May 24 or 26, 2016

- 8:30 a.m. **Laboratory:** Real-Time PCR Nucleic Acid Extraction and Reaction Preparation (includes 15 min. break)
Lunch (on your own in a CDC cafeteria)
11:30 **Lecture:** Technical Support and Ordering the CDC Flu rRT-PCRDX Panel and Ancillary Reagents
12:30 p.m. **Laboratory:** Retrieve Results
Break
1:30 **Lecture:** Analysis Parameters: Results Interpretation and Reporting
2:00 Post-Course Test and Evaluation
2:15 Adjourn
4:15
5:30

SECURITY CLEARANCE REQUIREMENTS

NON-US CITIZENS—These courses will be held at the training laboratory on the CDC Roybal campus. Due to CDC requirements for security clearance, all non-US citizens will be asked to provide information needed to obtain clearance. Detailed instructions will be provided upon acceptance into the course. Please do not make any nonrefundable travel plans until you have received confirmation of acceptance into the course and security clearance approval. The information you provide will only be used for the purposes of attending this course.

Non-US citizens must register for either course once accepted by Feb. 28, 2016 to allow for required CDC visitor processing time of 2-3 months.

US CITIZENS—If you are a USCITIZEN, there is no extra clearance process required.

SPECIAL NEEDS

In compliance with the Americans with Disabilities Act (ADA), individuals seeking special accommodations should submit their request in writing to customersupport@aphl.org or phone 240-485-2746 at least three weeks before the program. Please allow sufficient time for APHL/NLTN to make arrangements which is normally at least three weeks prior to start date of course. For more information call 1-800-536-6586.

QUESTIONS

Please contact Course Logistics Assistant, by email absala.mengestab@aphl.org.

The National Laboratory Training Network is a training system sponsored by the Association of Public Health Laboratories (APHL) and the Centers for Disease Control and Prevention (CDC).

For a complete list of courses, visit www.nlttn.org/course.

Funding for this training was made possible by the Centers for Disease Control and Prevention. The views expressed in written training materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services, nor does the mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government. This project is funded 100% by Federal funds.

