DESCRIPTION

Each of these intermediate-level, interactive online course modules reviews a component of the Laboratory Response Network (LRN) protocols for bioterrorism agent identification.

The modules include case studies, real-life laboratory scenarios and links to resource information. Course materials may be used as part of a laboratory’s competency assessment program for terrorism preparedness. Updated for 2014, six course modules are available, including:

- Anthrax (Bacillus anthracis)
- Brucella (Brucella spp)
- Burkholderia (Burkholderia spp)
- Plague (Yersinia pestis)
- Tularemia (Francisella tularensis)
- Laboratory Biosecurity

AUDIENCE

These online course modules are designed for public health and clinical laboratorians, safety professionals and persons interested in the laboratory’s role in bioterrorism preparedness.

OBJECTIVES

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

- List potential bioterrorism agents that must be reported to public health authorities, and explain the role of the clinical laboratory in detecting these organisms in clinical specimens.
- Discuss standardized laboratory tests used to isolate and identify Bacillus anthracis, Brucella spp, Burkholderia spp, Yersinia pestis, Francisella tularensis, and explain how to use these tests to rule out or refer isolates.
- Define biosecurity, including threats, vulnerabilities and relationship to biosafety.
- Explain how to conduct a laboratory biosecurity risk assessment and use the results to formulate a complete biosecurity plan.
- Identify appropriate reference resources.

REGISTRATION

FREE REGISTRATION

- Register online at www.cdc.gov/labtraining
- If you have difficulty with the online registration process, please email labtraining@cdc.gov
- For additional program information, email lag4@cdc.gov or call (404) 498-6022

CONTINUING EDUCATION

The Centers for Disease Control and Prevention Laboratory Training Branch is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Each course is approved for 1.5 contact hours.

Each course has been approved for 1.5 contact hours in the category of Microbiology/Mycology/Parasitology for Florida Laboratory Licensees.


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