

Missouri State Public Health Laboratory

Protecting the Public Through Science



April 30, 2020— Course #297-401-20

September 17, 2020 — Course #297-402-20

Agents of Bioterrorism: Rule Out/Refer LRN Guidelines for Sentinel Laboratories Workshop

Course Description

This hands-on learning exercise at the MSPHL is designed to provide timely information to help clinical laboratorians understand their role in the Laboratory Response Network as they rule-out organisms and serve as sentinels for persons who may fall ill due to a bioterrorist event. It will provide an overview of the clinical laboratory's role in the presumptive identification of primary agents of bioterrorism including: *Bacillus anthracis* (anthrax), *Yersinia pestis* (plague), *Francisella tularensis* (tularemia), *Brucella* species (brucellosis), *Burkholderia* species (glanders and melioidosis) and Variola virus (smallpox). Laboratory demonstrations will outline the microbiology of these agents so participants can:

- Discuss the role of the clinical laboratorian in the presumptive identification of organisms and toxins targeted for use in bioterrorism
- Recognize the culture, staining and biochemical characteristics of bioterrorism agents
- Explain the safety implications of handling suspect organisms in clinical specimens and isolates
- Outline the process for contacting and transporting suspected organisms to the Missouri State Public Health Laboratory

This intermediate level workshop is designed for laboratorians working in microbiology laboratories that handle clinical specimens.

Due to safety concerns, only individuals with experience working at the laboratory bench are encouraged to attend.

Continuing Education

The Missouri State Public Health Laboratory 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 5.0 contact hours.

Agenda:

- 8:00 Registration
- 8:30 Welcome/Pretest
- 9:00 Biosafety
- 9:30 BT Agent Guidelines
- 10:30 Break
- 10:45 Laboratory Stations
- 12:15 Lunch (On your own)
- 1:30 Laboratory Stations
- 2:30 Additional Guidelines
- 3:00 Break
- 3:15 Biosecurity
- 3:45 Question and Answer
- 4:00 Post Test
- 4:30 Adjourn

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To Register Call, Email or click the link below

<https://www.surveymonkey.com/r/YDSWPK>