



# Agents of Bioterrorism: Sentinel Laboratory Training

## 2017 Schedule

April 12<sup>th</sup>

June 7<sup>th</sup>

September 27<sup>th</sup>

November 29<sup>th</sup>



### Program Site:

Hinton State Laboratory  
Institute  
305 South Street  
Boston, MA 02130

### Sponsored by:

Massachusetts State  
Public Health Laboratory  
(MA SPHL)

&

In Cooperation with the  
Northeast Branch of the  
American Society for  
Microbiology (NEB-ASM)



### Program Description

This program 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 bioterrorism or naturally occurring event. An overview of the clinical laboratory's role in the presumptive identification of bioterrorism agents such as: anthrax, plague, tularemia, brucellosis, glanders and melioidosis are discussed. Laboratory demonstrations and hands-on learning exercises will outline the microbiology of these agents so that participants can recognize the culture, staining and biochemical characteristics. The biosafety implications of handling suspected organisms in clinical isolates will also be emphasized.

### Program Objectives

At the completion of this program participants should be able to:

- Discuss the role of the clinical laboratorian in the presumptive identification of organisms targeted for use in bioterrorism.
- Understand the safety implications of handling suspected pathogenic organisms in clinical specimens and isolates.
- Recognize culture, staining, and biochemical characteristics of critical agents
- Describe the process for contacting the MA State Public Health Laboratory (MA SPHL) and transporting suspected organisms to the SLI.

### Special Needs

In compliance with the Americans with Disabilities Act, individuals needing special accommodations should notify Cynthia Condon, LRN Coordinator at least two weeks prior to the workshop. Call 617-983-6675.

### Registration Information

There is no fee for this program. To register, please complete and fax the attached registration form to 617-983-6887. An electronic confirmation with detailed directions and parking information will be sent. For additional information please call: Cynthia Condon, LRN Coordinator at 617-983-6675.

### Program Agenda

8:00	Registration/Pre-test
8:30	Welcome & Introductions
8:45	LRN /Bioterrorism Response Lab
9:20	Agents of Bioterrorism (Part 1) - <i>Bacillus anthracis</i> (Anthrax) - <i>Brucella</i> species (Brucellosis) - <i>Burkholderia mallei</i> (Glanders) - <i>Burkholderia pseudomallei</i> (Melioidosis) - <i>Francisella tularensis</i> (Tularemia) - <i>Yersinia pestis</i> (Plague)
10:50	Break
11:00	Agents of Bioterrorism (Part 2) - Viruses - <i>Clostridium botulinum</i> (Botulism)
11:45	Group Lunch
12:30	Biosafety in the Sentinel Lab
1:30	Laboratory Wet Workshop
3:30	Summary/Post-test/Evaluation

### Faculty

#### Cynthia Condon, BS, MT (ASCP)

LRN Coordinator, Bioterrorism Response Lab  
MA State Public Health Lab (MA SPHL)

#### Cheryl Gauthier, BS, MT (ASCP)

Director, Bioterrorism Response Lab  
MA State Public Health Lab (MA SPHL)

#### Sandra Smole, Ph.D.

Director, Div. of Molecular Dx & Virology  
MA State Public Health Lab (MA SPHL)

#### Tanya Swanson, BS, MT

Supervisor, Bioterrorism Response Lab  
MA State Public Health Lab (MA SPHL)

### Continuing Education

The Northeast branch of the American Society for Microbiology (NEB-ASM) is approved as a provider of continuing education programs in the clinical laboratory sciences by the American Society of Clinical Pathology (ASCP). This continuing medical laboratory education activity is recognized by the ASCP as meeting the criteria for 6.0 CMLE credit.

# Agents of Bioterrorism: Sentinel Laboratory Training

There is no fee for this program. Pre-registration is required. Please complete this registration form and fax as directed below.

**Please Note:** *There is a BSL-2 laboratory workshop associated with this training.*

**Appropriate attire is mandatory; no open toed shoes or open heeled shoes or shorts, skirts or dresses.** *Disposable lab coats and gloves will be provided. Respiratory protection is not required.*

## Agents of Bioterrorism: Sentinel Laboratory Training 2017 Registration Form

Name: \_\_\_\_\_

Facility: \_\_\_\_\_

Facility Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Years of Microbiology Experience: \_\_\_\_\_

I will attend on (circle one):

- Wednesday, April 12th
- Wednesday, June 7th
- Wednesday, September 27th
- Wednesday, November 29th

Complete this registration form and fax to:

Cynthia Condon, LRN Coordinator  
MA State Public Health Laboratory  
305 South Street, Boston, MA 02130  
Phone: 617-983-6675  
Fax: 617-983-6887