

Biothreat Preparedness Workshop



Description

Idaho Bureau of Laboratories (IBL) will conduct a workshop that provides an overview of the sentinel laboratory's role in the presumptive identification of agents of biological threat. Participants will review the Laboratory Response Network (LRN) and sentinel laboratory protocols for ruling out suspect agents. Laboratory demonstrations will outline the microbiology of these agents to recognize the culture, staining, and biochemical characteristics.

Objectives

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

- discuss the role of the clinical laboratorian in the presumptive identification of suspect biothreat agents,
- explain the safety implications of handling suspect biothreat organisms in clinical specimens and isolates,
- describe the clinical presentation and biochemical characteristics of *Bacillus anthracis*, *Brucella* spp., *Burkholderia* spp., *Francisella tularensis*, and *Yersinia pestis*, and
- outline the process for referring suspect organisms to IBL.

Faculty

- Amanda Bruesch, MS, Principal Microbiologist, Molecular Epidemiology Lab
- Kris Carter, DVM, MPVM, DACVPM, CAPT, USPHS, Career Epidemiology Field Officer, CDC
- Wendy Loumeau, Health Education Specialist
- Michael Stevenson, PhD, Emergency Preparedness Section Manager, Alternate Responsible Official
- Robert Voermans, Scientist 3, LRN-B Lab, Alternate Responsible Official

Other Information

Idaho Bureau of Laboratories has applied for approval 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 7.0 contact hours.

Level of Instruction: Intermediate

November 5, 2013

9:00 am - 5:00 pm

Idaho Bureau of Laboratories

2220 Old Penitentiary Road

Boise, ID 83712

208-334-2235

www.statelab.idaho.gov

Registration

Register online at

<http://www.keysurvey.com/f/542874/2603/>.

Please register by October 29th.

Agenda

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| 8:45 | Registration |
| 9:00 | Welcome, Introduction, Course Instruction |
| 9:10 | Pretest |
| 9:25 | LRN Overview & Select Agents |
| 9:50 | <i>Burkholderia</i> |
| 10:10 | <i>Brucella</i> |
| 10:30 | <i>Yersinia pestis</i> |
| 10:50 | Break |
| 11:05 | <i>Francisella tularensis</i> |
| 11:25 | <i>Bacillus anthracis</i> |
| 11:50 | Other agents: <i>Coxiella burnetii</i> , <i>Toxins</i> , <i>Smallpox</i> , and Viral Agents |
| 12:05 | Working Lunch: Epi Response |
| 1:10 | Laboratory Exercise |
| 2:15 | Packaging and Shipping Exercise |
| 2:45 | Break |
| 3:00 | Laboratory Exercise: Unknowns |
| 3:45 | Review Laboratory Exercise |
| 4:00 | Review Pretest |
| 4:10 | Complete course evaluation form |
| | Hand out certificates |
| 4:20 | Lab tour (optional) |
| 5:00 | Adjourn |

Space is limited to 20 participants.

A light breakfast, snacks, and lunch will be provided.

*Note: Idaho Bureau of Laboratories **does not** have funding to assist with transportation and hotel accommodations. Trainings in Northern and Eastern Idaho will be scheduled in spring of 2014.*

Contact Wendy Loumeau with questions:

Phone: 208-334-2235 ext. 258

Fax: 208-334-4067

Email: Loumeauw@dhw.idaho.gov

