

Laboratories in Action: Outbreaks and Emerging Infectious Diseases in the News

Susie Zanto, Moderator
Concurrent Session
Wednesday, June 5, 2013
8:30 am – 10:00 am

Objectives

At the end of this session, the participant will be able to:

- List recent high profile infectious disease outbreaks
- Describe how laboratories respond to outbreaks
- Discuss how laboratories communicate information via the media and other avenues
- Describe how laboratories leverage cross-trained staff and other resources to respond

Laboratories in Action

These case studies include:

- Hepatitis C in New Hampshire
 - Jill J. Power, MS, M(ASCP), CMQ/OE(ASQ)
New Hampshire Public Health Laboratories
- Trifecta Botulism in New York
 - Christina Egan, PhD, CBSP
New York State Department of Health
- Hantavirus in Yosemite National Park
 - Dongxiang Xia, MD, PhD, D(ABMM), SV(ASCP)
California Department of Public Health
- Fungal Meningitis
 - Dee Pettit, PhD
North Carolina State Laboratory of Public Health

Infectious Disease Planning and Response Framework Checklist

- Recent infectious disease threats/outbreaks
 - Novel Influenza strains
 - Antibiotic resistant infections
 - Novel coronavirus
 - Pertussis
- Laboratory issues are often not recognized in the early stages of both planning and response to infectious disease threats.
- PHLs have a broad role in preparing for and responding to infectious disease outbreaks, emerging diseases, and public health threats and emergencies.

Infectious Disease Planning and Response Framework Checklist

- This checklist outlines the various elements public health laboratories must address with each disease outbreak or emerging threat.
- Effective relationships with both new and traditional partners are critical to effective planning and response.
- This checklist may be shared with partners as needed to assist in identifying necessary resources and developing appropriate action plans.

Laboratories in Action

Outbreaks and Emerging Infectious Diseases in the News

- Hepatitis C in New Hampshire
 - Jill J. Power, MS, M(ASCP), CMQ/OE(ASQ)
New Hampshire Public Health Laboratories
- Trifecta Botulism in New York
 - Christina Egan, PhD, CBSP
New York State Department of Health
- Hantavirus in Yosemite National Park
 - Dongxiang Xia, MD, PhD, D(ABMM), SV(ASCP)
California Department of Public Health
- Fungal Meningitis
 - Dee Pettit, PhD
North Carolina State Laboratory of Public Health