

Title: Reviewing Past Exposures to Improve Biosafety

Date, Time, Location: March 10, 2024, 1:00pm – 5:00pm, Crowne Plaza Ravinia, Atlanta, GA

Description: This workshop will examine published papers on laboratory acquired infections and exposures to determine what we can learn to future avoid exposures. The attendees will take a deep dive into the literature to consider the history of lab acquired infections, review a scoping review summary of published articles, analyze the data to determine the root cause of select exposures, and discuss identified gaps.

Instruction Level and Target Audience: This Intermediate level course is intended for biosafety professionals and those working in laboratories with potentially infectious materials.

Learning Objectives: At the end of the session participants will be able to

- Review information, including root cause, about select exposures using the ABSA Laboratory Acquired Infection database,
- Explain the results of a scoping review of the available literature on lab acquired infections and exposures,
- Discuss how to use the ABSA LAI Database to help prevent potential incidents in the lab.

Presenters:

Mike Pentella, Ph.D., D(ABMM), State Hygienic Laboratory, University of Iowa
Shoolah Escott, M.S., (MLS), MT(ASC), Independent Biosafety and Biosecurity Trainer
Erin Bowles, B.S., MLS(ASCP), Wisconsin State Laboratory of Hygiene

Agenda

Time	Topic	Presenter(s)
1:00 p.m.	Introduction	Escott
1:05 p.m.	History of Laboratory Acquired Infections (LAIs)	Escott
1:15 p.m.	Overview of the ABSA LAI Database	Escott
1:30 p.m.	Overview of exercise tools emphasizing how Risk Assessment, Exposure Assessment, and Root Cause Analysis work together in preventing LAIs	Bowles
1:55 p.m.	Deep Dive into Two Papers to Review how to apply the tools	Escott Pentella
2:25 p.m.	Break	
2:45 p.m.	Exercise - Breakout into small groups and apply the tools to a case to: a. Use the exposure assessment tool for the selected exposures, b. Perform analysis of data to determine root cause for the selected exposures, c. Complete the RA for select exposures and mitigate the gaps.	All Instructors
3:30 p.m.	Groups will discuss their findings	All Instructors

4:10 p.m.	How to apply past events to an emerging pathogen	Pentella
4:30 p.m.	Summarize the lessons learned	All Instructors
4:45 p.m.	Q&A	All Instructors
5:00 p.m.	Adjourn	

Continuing Education Credit

The Centers for Disease Control and Prevention, Division of Laboratory Systems is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for 3.5 contact hours of P.A.C.E.® credit.

P.A.C.E.® Course #: 288-510-24

Instructions for obtaining P.A.C.E.® credit through CDC OneLab REACH will be provided during the course.

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