**Environment, Health, & Safety**  
**Training Program**

**EHS 702 ~ Aerosol Transmissible Diseases Briefing**

**Course Syllabus**

**Subject Category:** Biosafety  
**Course Prerequisite:** No  
**Course Length:** 20 minutes  
**Medical Approval:** No  
**Delivery Mode:** Online

**Course Purpose:** This briefing is for researchers who work with biological agents capable of causing aerosol transmissible diseases. After completing this course, researchers will be able to:
- Explain what an aerosol transmissible disease is
- Describe typical controls for protecting against aerosol transmissible disease transmission
- Identify typical laboratory procedures known to increase the risk of aerosolization
- Know that the WPC work activity authorization for an experiment is also that experiment’s *biosafety plan*
- Provide feedback about the biosafety plan
- Recognize conditions that may indicate exposure
- Take appropriate action if exposure occurred or is suspected to have occurred

**Course Content:**
- Salmonella: An example of an Aerosol Transmissible Disease Pathogen
- Routes of Exposure
- Controls
- Lab procedures that increase the risk of aerosolization
- Intro to CalOSHA ATD/ATD-P regulations
- Authorization to perform biological research using ATD pathogens
- Your biosafety plan
- Providing feedback on your biosafety plan
- Recognizing if you may have been exposed
- Exposure response

**Subject Matter Expert:** EHSS Biosafety Officer

**Training Compliance Requirements:** This course meets training requirements and guidelines covered in LBNL ES&H ISM and training policies, the Biosafety Manual/Program, and the following biosafety-related standards:
- CalOSHA Title 8, Section 5199

**Participant Evaluation:** None

**Written Exam:** Online – the course includes interactive questions to check for comprehension.

**Practical Exam:** None

**Retraining/Recertification:** Annually

**WEB Resource:**
- EHSS Training Program web page @ [http://www.lbl.gov/ehs/html/training.htm](http://www.lbl.gov/ehs/html/training.htm)

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