



8V. Host Pathogen Interactions for Biosafety Professionals

October 15 and October 17, 2025 | 1:00 pm – 3:00 pm CDT
Virtual Professional Development Course

Instructors:

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Overview

The course is intended to introduce biosafety professionals to host-pathogen interactions by focusing on fundamentals of immunology, microbiology and their interplay as they pertain to biosafety risk assessments utilizing instructional videos, case studies, established lab acquired infections and publications. Information from this course can assist biosafety professionals assess risks from microbiological research including potential effects of genetic modifications on virulence and infectivity of pathogens, susceptibility of hosts in in-vitro and in-vivo models for IBC review, assessing impact to the wellbeing of research animal hosts for IACUC review, as well as the occupational safety and occupational health of research personnel.

What You'll Learn

- **Fundamentals of Host-Pathogen Interactions** – how do these biological systems interact in the context of infection and defense
- **Application of Biosafety Risk Assessments** – evaluate **pathogen virulence and infectivity**, especially with **genetic modifications**
- **Regulatory and Ethical Oversight in Research** – evaluate **animal welfare** for **IACUC review** and ensuring **occupational safety** of research personnel

Objectives:

- Restate the fundamentals of microbiology and immunology as they pertain to host-pathogen interactions
- Identify how host-pathogen interactions affect risk assessments for maintaining the wellbeing of animal hosts
- Describe how host-pathogen interactions affect risk assessments for the safety of research personnel

✓ Suggested Background: None

Who Should Attend: All Safety Professionals, Laboratory Workers, Animal Caretakers, Anyone involved in IBC, IACUC, occupational health or infection prevention and control

Course Logistics: Course is two 2-hour sessions. Attendees will need to log on 15 minutes prior to the start time. To receive credit and a certificate, attendees must attend the session and complete or access all course modules. The course materials are for **registered participants only**.

Course Fees: ***ABSA Member: \$300 Non-member: \$390**
* To receive the ABSA member rate, participants must be current ABSA members during the training year. Fees include course handouts, access to the ABSA International training site, and 4 hours of expert-led interactive instruction.

Credits: This course has been approved for **0.5 CM points** toward RBP/CBSP recertification. *ABSA International is approved as a provider of continuing education programs in clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for **4.0 P.A.C.E.® contact hours**. Course access links are unique and for individual use only. **Sharing is prohibited**. Duplicate logins or unregistered attendees will be removed from the webinar without a refund.

Questions: Contact: Kari DeServi, MEd, Director of Education, ABSA Office, 866.425.1385 (toll free)
Email: education@absa.org

Registration Form

8V. Host Pathogen Interactions for Biosafety Professionals

*Name (First, Middle Initial, Last): _____

*Organization: _____

*Address: _____

*City, State: Country: Zip/Postal Code: _____

*Telephone: _____

*E-mail: _____

(Please provide your preferred email address, which you frequently access)

***Required information**

Payment:

_____ ABSA Members \$300.00 USD

_____ Nonmembers \$390.00 USD

To receive the ABSA member rate, participants must be current ABSA members during the training year.

_____ Visa _____ MasterCard _____ American Express

Card Number: _____

Expiration Date: _____ CVV: _____

Name on card: _____

To receive the ABSA member rate, participants must be current ABSA members during the training year. Confirmed, paid participants will receive course details a few days prior. Substitutions allowed with notice by 9/17/2025. Cancellations incur a 15% fee. Between 9/17/2025 and 9/24/2025, 50% refunds apply. No refunds after 9/24/2025.

Each participant will receive a unique, non-transferable link to access the course. These links are intended for individual use only. If multiple entries under the same name appear on the Zoom attendee list, or if unregistered names are detected, all such entries will be removed without refund. Sharing or unauthorized use of webinar links is strictly prohibited.

Register by phone:

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Mundelein, IL 60060
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or On-line:

<http://www.absa.org/>