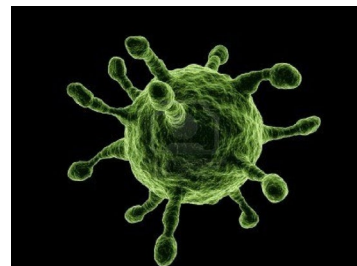


Instructors:

Patrick Condreay, PhD, RBP(ABSA), Retired Biosafety Officer, Bahama, North Carolina

🔍 Overview

Virus-based Gene Transfer Vectors is an intermediate course that will examine the molecules, processes, and techniques involved in recombinant gene expression. Participants will explore the technology of how viruses are converted into vector systems for the transfer of gene expression constructs. Common viral vector systems, including retroviruses, lentiviruses, adenoviruses, poxviruses, herpesviruses, alphaviruses, and baculoviruses will be discussed with an emphasis on the biosafety characteristics of the vectors derived from these viruses. This course is targeted for the biosafety professional who is not actively conducting laboratory research yet requires a basic understanding of recombinant DNA methodology.





🔑 Objectives


- Describe processes of recombinant gene expression
- Discuss concepts of viral vector technology and biosafety features
- Recognize characteristics of vector systems unique to specific viruses
- Apply knowledge of recombinant gene expression and viral vector principles to risk assessments


 **Audience Level:** Basic


 **Suggested Background:** None


 **Who Should Attend:** All Safety Professionals, All Biosafety Professionals, Laboratory Workers

 **Course Logistics:** Course is two 2.5-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: \$350** **Non-Members: \$440**
* 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 6 hours of expert-led interactive instruction. Group Discount (all registrants from same organization): 10% off for 3-4 participants; 20% off for 5-9 participants; 30% off for 10+ participants. **To apply for the group discount for registration, please call the ABSA Office to register.**

 **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 **5.0 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

 **Register:** **By phone:** (866) 425-1385 or **Online:** www.absa.org
Confirmed, paid participants will be sent detailed information regarding the course within a few days prior to the course. Substitutions allowed with notice by 7/16/2026. There is a 15% processing fee for cancellations prior to 7/23/2026. No refunds after 7/23/2026.