05. Concepts of Virology

A distance learning opportunity

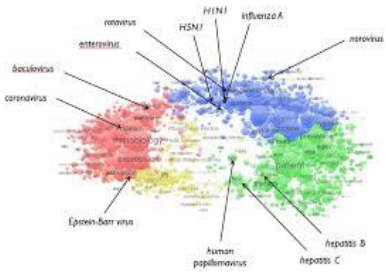
May 14 & 21, 2026

12:30 – 3:00 PM (CDT)

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

🔍 Overview

Concepts of Virology will briefly review gene expression in eukaryotes and examine several concepts of virology. Characteristics of different viral families will be presented as well as general replication strategies employed by different viruses. Mechanisms of viral pathogenesis and strategies for antiviral intervention will also be explored. Participants should have a familiarity with molecular biology. The course is targeted to the biosafety professional who does not actively conduct laboratory research but would like to gain a basic knowledge of virology.



🔑 Objectives

- Define the nature of viruses and clarify how the viruses are classified into families
- Recognize strategies employed by viruses to multiply in a host
- Discuss concepts underlying viral pathogenesis
- Describe methods used to interfere with viral infection and replication

🧪 Audience Level: Basic

✅ Suggested Background: None

🎯 Who Should Attend: 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 4/16/2026. There is a 15% processing fee for cancellations prior to 4/23/2026. No refunds after 4/23/2026.