



# ABSA INTERNATIONAL

The Association for Biosafety and Biosecurity

1200 Allanson Road • Mundelein, IL 60060-3808 • 866-425-1385 • Fax: 847-566-4580 • E-mail: info@absa.org • Web Site: www.absa.org

## 09. Large-scale Biosafety

*A distance learning opportunity*

**July 17 and 24, 2024**

12:30 – 3:00pm (CDT)

**Large-scale Biosafety** will review biosafety for work at large-scale, which the NIH rDNA Guidelines defines as >10L. The course will review Appendix K from GLSP to BSL-3 LS, with a focus on primary and secondary containment. It will review basic bioprocessing steps, such as fermentation/cell culture and purification technologies. Examples of classic and newer single use technologies will be provided. Pearls and pitfalls of the various technologies will be discussed, using various scenarios. The course will include a review of risk assessment techniques used for large scale bioprocesses and a discussion of large-scale related to vaccines, viral vectors, and recombinant proteins.

This webinar will be two 2.5-hour sessions on Wednesday, July 17, and July 24, 2024, at 12:30 pm CDT. For the webinar, you should plan on logging in 15 minutes ahead of the start of each session. You are required to attend the webinar session, complete the pre- and post-course assessments, and complete the evaluation in order to receive the completion certificate through the ABSA International Training Site. The link in the invitation will be unique to the user and cannot be shared.

Upon completion of this webinar, participants will be able to:

- Recognize large scale bioprocessing technologies, the inherent risks and how to perform and document risk assessments
- Describe the advantages and disadvantages of single use biotechnology equipment. Plan for issues of waste disposal and emergency response
- Restate the components of the NIH rDNA Guidelines Appendix K and how to implement them for large scale bioprocessing projects

The webinar will be presented by **Brian Petuch, RBP(ABSA), CBSP(ABSA)**, Biosafety Project Manager, International Safety Systems, Inc., Columbus, New Jersey

### WHO SHOULD ATTEND

---

- All Safety Professionals
- Experienced Biosafety Professionals
- Laboratory Workers
- Laboratory Management

### COURSE FEES

---

___ ABSA Members	\$225.00 USD
___ Nonmembers	\$360.00 USD

To obtain the ABSA member rate, the participant will need to be an ABSA member in the year in which the training is offered. Course fees include: course handouts, access to the ABSA International training site, and 5 hours of interactive instruction from a well-respected subject matter expert.

Group Discount: *For all registration discounts, participants must be from the same organization and registered concurrently: 10% off registration for 3-4 participants; 20% off registration for 5-9 participants; 30% off registration for 10 or more participants. Please call the ABSA Office to register your group.*

### QUESTIONS

---

Please direct questions about this course to:

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

*This course has been approved for 0.75 CM points toward RBP/CBSP recertification. \*ABSA International 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 6.00 P.A.C.E.® contact hours. The links to the various invitations for the course will be unique to the user and cannot be shared. The links to the various invitations for the course will be unique to the user and cannot be shared. The links are for single, individual use only. If more than one occurrence of an individual's name is on the Zoom attendee list or a name not of the roster, all instances will be removed from the webinar with no refund. The webinar and its associated links are for single, individual use only.*

# Registration Form

## 09. Large-scale Biosafety

\*Name (First, Middle Initial, Last): \_\_\_\_\_

Degree(s): Position Title: \_\_\_\_\_

Affiliation: \_\_\_\_\_

\*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                      \$225.00 USD  
\_\_\_\_ Nonmembers                         \$360.00 USD

To obtain the ABSA member rate, the participant will need to be an ABSA International member in the **year** in which the training is offered.

#### Group Discount:

\_\_\_\_ 10% off each registration for 3-4 participants from the same organization  
\_\_\_\_ 20% off each registration for 5-9 participants from the same organization  
\_\_\_\_ 30% off each registration for 10 or more participants from the same organization

Check enclosed (drawn in a US Bank on US funds; made payable to ABSA International)

\_\_\_\_ Visa                      \_\_\_\_\_ MasterCard                      \_\_\_\_\_ American Express

Card Number: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ CVV: \_\_\_\_\_

Name on card: \_\_\_\_\_

*To obtain the ABSA member rate, the participant will need to be an ABSA member in the year in which the training is offered. Confirmed, paid participants will be sent detailed information regarding the course within a few days prior to the course. Substitutions allowed with notice by 6/19/2024. There is a 15% processing fee for cancellations by 6/19/2024. Cancellations between 6/19/2024 and 6/26/2024 will be refunded at 50% of the course fee. No refunds after 6/26/2024.*

*The links to the various invitations for the course will be unique to the user and cannot be shared. The links are for single, individual use only. If more than one occurrence of an individual's name is on the Zoom attendee list or a name not of the roster, all instances will be removed from the webinar with no refund. The webinar and its associated links are for single, individual use only.*

#### **Register by phone:**

ABSA International  
1200 Allanson Road  
Mundelein, IL 60060  
Phone: (847) 949-1517  
E-mail: info@absa.org

#### **or On-line:**

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