Molecular Biology 101
A distance learning opportunity
October 24 and 26, 2017
12:00 – 2:30pm (CDT)

Molecular Biology 101 is intended for those professionals that participate in protocol review, facilities planning, and other risk assessment activities but lack a basic understanding of molecular biology and techniques. Following this course, attendees will be able to do more than regurgitate facts and use the new understanding of the principles of molecular biology in various situations at their institution. This course will cover topics such as the chemistry of nucleic acids, DNA replication, RNA transcription, and protein translation, the Central Dogma of Biology, DNA cloning, transfection of prokaryotic and eukaryotic cells, restriction enzymes, and recombinant DNA lab methodologies (including PCR, DNA fingerprinting, sequencing, and detection protocols). While this course will not turn you into a molecular biologist, it will give you enough background information to understand the nature and manipulation of genetic material and hopefully unveil the mystery of deoxyribonucleic acid.

This webinar will be a two-2.5-hour webinar session on Tuesday, October 24 and Thursday, October 26, 2017 at 12:00pm CDT. For the webinar, you should plan on logging in at 11:45 pm (CDT) on October 24 and October 26. You are required to attend the webinar session, complete the pre and post assessments, and evaluation in order to earn P.A.C.E.® Contact Hours*. 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:
- Explain the differences and chemistry of nucleic acids
- Define general molecular biology techniques
- Demonstrate an understanding of the principles of molecular biology used to develop recombinant DNA technology and to show how these technologies are used to study biological phenomena

The webinar will be presented by James Klenner, MSc, MPH, MPA, RBP, CBSP, Indiana University—Purdue University Indianapolis, Indianapolis, IN

WHO SHOULD ATTEND
- All Safety Professionals
- New Biosafety Professionals
- Non-Scientists that review protocols

COURSE FEES

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<td>ABSA Members</td>
<td>$220.00 USD</td>
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Course fees include: course handouts, access to Go To Webinar services and Articulate, and 5-hours of interactive instruction from a well-respected subject matter expert.

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. Please call the ABSA Office to register your group

TECHNICAL REQUIREMENTS
Internet access and phone is needed. Go To Webinar requirements can be found through the check system requirements.

QUESTIONS
Please direct questions about this course to:
KariAnn DeServi, Director of Education, ABSA Office, 866.425.1385 (toll free), Email: kariann@absaoffice.org

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 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 are for single, individual use only. If more than one occurrence of an individual’s name is on the attendee list for the webinar through Go To Webinar, all instances of that person’s name will be removed from the webinar with no refund. The webinar and its associated links are for single, individual use only.
Registration Form
Molecular Biology 101

*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)

How long have you been engaged in a biosafety-related role or profession? ________

*Required information

Payment:

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For the group discount, please call the ABSA Office to register the participants

Check enclosed (drawn in a US Bank on US funds; made payable to American Biological Safety Association)

_____ Visa  _____ MasterCard  _____ American Express

Card Number: ________________________________________________________________

Expiration Date: ______________________________________________________________

Name on card: ________________________________________________________________

Confirmed, paid participants will be sent detailed information regarding the course approximately one week prior to the course. Substitutions allowed with notice by 9/26/2017. There is a 15% processing fee for cancellations prior to 9/26/2017. Cancellations between 9/27/2017 and 10/3/2017 will be refunded at 50% of the course fee. No refunds after 10/3/2017.

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Register by mail or fax:  or On-line:
ABSA International  http://www.absa.org/
1200 Allanson Road
Mundelein, IL 60060
Phone: (847)949-1517
Fax: (847)566-4580
E-mail: info@absa.org