

BASIC MOLECULAR BIOLOGY MODULE 2: LABORATORY PRACTICE

AN ONLINE LEARNING COURSE
AVAILABLE ON WWW.CDC.TRAIN.ORG

Sponsored by the
Division of Laboratory Systems,
Center for Surveillance, Epidemiology and Laboratory Services,
Centers for Disease Control and Prevention



DESCRIPTION

Molecular techniques have been widely used in clinical diagnosis, e.g., diagnosing disease, predicting disease course, and identifying infectious agents. This basic Molecular Biology course series will introduce the scientific background for molecular diagnosis, the principles of laboratory settings, and common methods.

This basic-level eLearning course, Module 2, provides information on general laboratory practices. Topics covered include biosafety practices, laboratory area flow, and practices to minimize contamination.

AUDIENCE

This online course is designed for public health and clinical laboratory staff, and persons interested in molecular biology laboratory practice.

SPECIAL NEEDS

Course content is closed captioned, where applicable, and optimized for a screen reader.

FREE REGISTRATION

- Locate the course online at www.cdc.gov/labtraining
- Follow the link to register for the course in TRAIN
- If you have difficulty with the online registration process, please email labtraining@cdc.gov



OBJECTIVES

At the conclusion of this course, the participant will be able to:

- Identify the general practices and biohazards associated with performing molecular biology procedures in BSL-2 and BSL-3 laboratories
- Explain the differences of the working areas needed to perform procedures in molecular biology
- Outline the unidirectional workflow used to minimize contamination in the laboratory
- Identify general decontamination practices in the molecular biology laboratory

CONTINUING EDUCATION

The Centers for Disease Control and Prevention, Division of Laboratory Systems 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 1.0 contact hours. P.A.C.E.® course number: 288-002-19

For a complete list of courses, visit www.cdc.gov/labtraining.