



Hands-on Training: Working Safely in the Biosafety cabinet. This training can be run as a course for a large audience, or has hands-on for small groups. A train-the-trainer hands-on training is also available.

Safe work in the Biosafety Cabinet

Course, hands-on, or train-the trainer module available

Facts and figures

Form of course

- _ training workshop for large audiences
- _ hands-on training for smaller groups
- _ train-the-trainer course

Instructors

- _ Dr Felix Gmuender
- _ Ms Chongwei Qiu, MSc

Information and bookings

- _ Call 6339 9884: Ms Chongwei Qiu will assist you.
- _ Drop a line at biotech@bh.com.sg : We will get back to you and assist you.

Rationale and Goal

As opposed to many trainings and CDs you get from BSC manufacturers and other training providers, this training not only provides information on technical aspects and performance characteristics of the BSC (including video evidence), but more so on how the laboratorian should work in and around the BSC.

The biosafety cabinet (class II) is the most important and most widely used primary barrier in the microbiological and biomedical laboratory (BSL-2, BSL-3 and BSL-4).

Biosafety cabinets protect against aerosol exposure and to a lesser degree against small droplets. The protection of the operator depends on the selection of appropriate types and size of the cabinet, proper function, correct placement of the cabinet in the laboratory, and how the actual work in the cabinet is organized and carried out. Biosafety cabinets need appropriate maintenance and annual certification. The user (or BSO) should be able to identify malfunctioning cabinets.

Form of course

- _ A training workshop is suitable for large audiences and the hands-on training for smaller groups of 4-6 people per biosafety cabinet (BSC). The workshop can also be carried out as a train-the-trainer course.

- _ Video footage of protocols and procedures are used to demonstrate safe techniques, including work organization and ergonomic working, spill management, cleaning, decontamination.

Successful pre-conference course at ABSA and EBSA, Universities and Industry

The workshop was run both at ABSA and EBSA 2010 and was carried out for university and hospital laboratories, and life science industries in Switzerland, Singapore, Thailand, Indonesia, and Malaysia.

Instructors

- _ Dr Felix Gmuender, Registered Biosafety Professional, Certified Specialist for Workplace Safety
- _ Ms Chongwei Qiu, MSc Molecular Biology, Senior Biosafety Consultant

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