



Left: The risk assessment workshop begins with a presentation and discussion of the MOM WSH Act requirements. **Middle:** The workshop exercises include case-specific assessment in your laboratory. **Right:** Risk control elements are discussed and improved if necessary or desired.

Risk assessment & management

For laboratories/facilities to comply with the MOM WSH Act

Facts and Figures

Form of course

- _ half-day workshop
- _ lab-specific hazard identification and risk assessment

Instructors

- _ Dr Felix Gmuender
- _ Ms Chongwei Qiu

Information and bookings

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

Goal

- _ Ensure laboratory/facility complies with the MOM WSH Act
- _ Identify hazards, assess and control risks
- _ Enhance laboratory safety culture
- _ Improve laboratory safety management

Rationale and RA process

- _ Risk assessment is one of the main pillars to eliminate or mitigate safety and health risks in the laboratory/facility at source;
- _ The process starts with hazard identification and priority setting;
- _ Handling of hazardous materials including biological hazards are prioritised by grouping the activities according to their risks;
- _ Only high risks must be mitigated by additional risk controls, moderate risks need a careful evaluation;
- _ Control measures will be selected to prevent accidents and ill health or reduce it to as low as is reasonably practicable;
- _ Risk control elements already in place will be assessed for adequacy;
- _ For unacceptably high risks, or outdated risk control elements, possible improvement options are discussed;
- _ Improvements can include better engineering controls, improved procedures, practices and training, or usage of PPE.

Form of course

- _ This half-day workshop starts with an introduction into the risk assessment and management process and requirements;
- _ The large part focuses on a lab-specific hazard identification and risk assessment.
- _ Select 2-3 of your protocols for the workshop RA exercises.
- _ The aim of this approach is to enable your scientists, safety coordinators and safety specialists to carry on their own assessments (train-the trainer approach).
- _ As an additional service, Basler & Hofmann will provide follow-up support by reviewing your risk assessments.

Instructors

- _ Dr Felix Gmuender, Registered Biosafety Professional, Certified Specialist for Workplace Safety
- _ Ms Chongwei Qiu, MSc, Molecular Biologist, OSHAS 18001 Auditor

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