



BioCSL Working Safely in Physical Containment Level 2 (PC2) Laboratories

Presenter: Tony Della-Porta

Course objectives: Participants to gain an understanding of working safely in PC2 laboratories, and the requirements of OGTR for handling GMO's.

Methodology: Lectures on aspects of good microbiological practice will be presented.

Course Assessment: Records to be kept by CSL.

Course Outline

Time	Topic
1.00-1.15	Welcome and Introduction
1.15-2.15	Training sessions: <ul style="list-style-type: none">Review of contents of AS/NZS 2243 series and referenced standards, OGTR and Quarantine regulationsOverview of PC2 laboratory construction/design <i>Learning outcomes:</i> <i>Awareness of relevant Standards, understanding of construction/design principles of PC2 laboratories</i>
2.15-2.30	Afternoon Tea
2.30-3.30	Training sessions <ul style="list-style-type: none">Risk Groups of microorganismsPrinciples of contamination controlLaboratory-Acquired Infections (LAIs) and aerosols <i>Learning outcomes:</i> <i>Classification of microorganisms (Risk Groups), Control of hazards in microbiological laboratories, involvement of aerosols in LAIs, including influenza</i>
3.30-4.30	Training sessions: <ul style="list-style-type: none">Management issuesReporting of incidentsDisinfectants and treatment of wasteTreatment of spillsBSCsSafety Signage <i>Learning outcomes:</i> <i>roles of management (incl training), reporting of incidents, disinfectants & treatment of waste, response to spills, knowledge of different types, operation and use of Biological Safety Cabinets, requirements for safety signage</i>