

Biosafety in the Laboratory



Personal Protection Equipment

LAB COAT



- + Lab coats must be worn and fastened until all experiments have been completed
- Laboratory clothing must not be worn outside the laboratory

GLOVES



- + Gloves must be worn when handling infectious material
- + Gloves must be removed and properly disposed of before leaving the laboratory

EYE AND FACE PROTECTION



- + Eye (or face) protection must be worn when there is a potential risk of splashes or flying objects

FOOTWEAR



- + Suitable footwear with closed toes and heels must be worn in the laboratory

Hygiene Practices



- + Tie back long hair
- Wearing jewellery is not recommended in the laboratory
- + Cover any open wounds, cuts, or scratches with water-proof dressings

Laboratory work area



Actions that are never permitted in the laboratory work area



- Never apply cosmetics



- Never smoke



- Never remove or insert contact lenses



- Never eat
- Never store food or drinks, personal belongings, or utensils



- Never drink
- Never mouth pipette any substance

Hand Washing

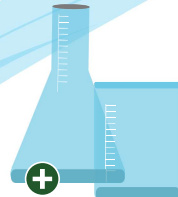


- + Hand washing is the most important practice
- + Hands must be washed after the removal of gloves
- + Hand washing must last as long as it takes to hum the happy birthday song to yourself – twice!

Cleanup and Disposal Procedures



- + Work surfaces must be cleaned thoroughly with a suitable disinfectant at the end of every experiment as well as after any spill



- + Most glassware, instruments and laboratory clothing can be reused or recycled after appropriate decontamination



- + Equipment should be decontaminated when work is completed. Broken glass must be disposed of in a puncture resistant sharps container

Emergency Procedures



- + Report any lab incident immediately to the laboratory manager



To learn more, scan the QR code for free e-learning courses, videos and other tools