Occupational Health and Safety



Guidelines for Biosafety Level 1 laboratory (BSL1)

BSL1 laboratory is only for **risk group 1** organisms!

Learn how to use the scientific instruments at your disposal and consult the Material and Safety Data Sheet (MSDS) of each chemical used in your experiments.	or ask a colleague
Locate close-by emergency equipment (chemical and biological spill kits, eyewash stations, chemical showers).	EMERGENCY SHOWER & EYE WASH
Lab coat in cotton, long sleeves. Remove it when leaving the lab. Wear clothes that protect your legs. No open shoes. Tied hair. Plants are not permitted in the laboratory.	
Wear adapted gloves for protection against chemicals or microorganisms. Remove gloves when leaving the lab, opening doors, calling elevators, using a keyboard, answering the phone etc.	
Do not reuse disposable gloves. Ensure glove removal does not cause contamination of the hands. After disposing the gloves, thoroughly wash your hands with soap and water!	Piece I
Safety glasses for activities that may produce spills/splashes. Face shield against UV.	
No eating, drinking, applying cosmetics, and storing food for human consumption in the laboratory.	
Perform all procedures to minimize the creation of splashes and/or aerosols (pipette slowly and gently). Mouth pipetting is prohibited. Use mechanical pipetting devices.	avoid opening a tube with the thumb
Clean surfaces after completion of work and after any spill and before disinfecting!	DISINFECT WORK SURFACES AND EQUIPMENT ON A REGULAR BASIS

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Sort out the waste:

Sort out household waste according to the various categories: paper, cardboard, batteries, plastics, electronics etc.



Separate household waste from laboratory waste. Domestic trash is for non-contaminated objects (no chemicals, no biological material, no sharps)



Laboratory waste: separate liquid from solid

Solid contaminated with biological material

without GMO



Solid contaminated with GMO



Collect liquid waste into a plastic container.

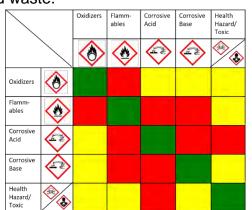


Label the liquid waste and choose the corresponding OMoD code.

Use a cap with a disruption disk to prevent from overflowing and blowing up.



Respect chemical incompatibilities for liquid waste.



Use of needles and syringes or other sharp instruments:



DO NOTput fingers
inside container



DO NOT remove needle



DO NOT bend or break needle



DO NOT recap needle



 Make sure that all activities involving genetically modified material are notified to the Office of Biotechnology (contact biosafety@epfl.ch)