

SV SAFETY CARDS

Card N°2

Working in a biomedical research laboratory environment (BSL1 - P1)

1. Identify the risks and hazards of your work environment. Ask your COSEC for specific training if needed. Make sure that the entry medical check is done, or otherwise scheduled.
2. Be ready! Identify the risks and hazards specific to your experimentations.
 - List the genetically modified organisms you are working with; make sure that these are only risk group 1 organisms
 - Learn how to use the scientific instruments at your disposal
 - Consult the Material and Safety Data Sheet (MSDS) of each of the chemical products used in your experiments
 - Design the emergency procedure and practice it. Locate close-by emergency equipments (chemical and spill kits, eyewash system).
3. Choose the most adequate Personal Protective equipment (PPE). The minimal requirement is:
 - Lab coat in cotton, long sleeves, front fastening, for work in bench areas
 - EN374/2 and EN374/3 protection gloves
 - Safety goggles for activities with chemicals; face shield against UV
 - No open shoes
 - Long hair must be tighten in a ponytail or a bun or use a hair cover
4. Remove gloves when opening doors, calling elevators, using a keyboard, answering the phone etc.
5. Laboratory coats or gowns must not be worn outside the laboratory.
6. No consumption of food or drinks – No storage of food or drinks
7. Pipetting by mouth is prohibited
8. Minimize the creation of aerosols
9. Sort out the waste
 - Separate liquid from solid
 - Separate household waste from laboratory waste
 - Sort out household waste according to the various categories: paper, cardboard, batteries, plastics, electronics etc.
 - Sort out chemical waste
 - Use appropriate containers for discarding broken glass, sharps, needles and syringes.
 - Inactivate genetically modified or potentially infectious materials before elimination
10. Do not store large volume of liquid nitrogen (V of LN2 < 0.3 V of the room)