

Basic Principles for Working in Microbiology Laboratory

Students are required to adhere to the following rules upon entering the laboratory:

1. Students must arrive at the laboratory at the specified time. Late arrivals will not be allowed to enter the laboratory.
2. Upon entering the laboratory, place bags, books, and all personal belongings in the designated area, and never place them on the laboratory bench.
3. When working in the microbiology laboratory, a white laboratory coat must be worn.
4. Using mobile phones in the laboratory is strictly prohibited. Serious actions will be taken if observed.
5. Eating, drinking, or smoking in the microbiology laboratory is strictly prohibited.
6. Any cuts or burns that occur accidentally must be reported to the laboratory supervisor immediately.
7. Never remove culture media, equipment, and especially bacterial cultures from the laboratory.
8. When using a pipette to draw liquids, a pipette bulb must be used. (Do not use your mouth to draw liquids into the pipette).
9. If microbial cultures spill or break, notify the laboratory supervisor immediately.
10. Opening the lid of culture media containing bacteria must be done next to a flame, and transportation of culture media within the laboratory should be avoided.
11. Staining materials must only be performed at the sink and on designated staining racks.
12. Contaminated items (such as loops, inoculating needles, forceps, and contaminated pipettes) should never be placed on the bench and must be put in designated areas. Notably, contaminated loops, needles, and forceps must be sterilized in the flame before being placed in designated areas.
13. After completing practical work, microscopes should be turned off, plugs removed from the outlet, and the work area should be tidied up.
14. Stained items, Pastuer pipettes, and other sharp/disposable items must be disposed of in safety boxes.
15. Infectious waste (such as contaminated cotton, etc.) must be disposed of in the yellow containers designated for infectious waste.