

LAB WORK 1

Subject: Rules of Applied Microbiology Laboratory.

Session Purpose: Know the rules of the laboratory work and safety.

Objectives:

1. To review the safety precautions in the microbiology laboratory.
2. Sign the page after you have reviewed the safety procedures.

Rules of Applied Microbiology Laboratory.

The signature page of this lab manual, following these lab rules, must be complete prior to your participation in any laboratory for this class.

During Laboratory Procedures:

1. Do not bring any outerwear into lab. This includes cell phones! Absolutely NO cell phone use during lab.
2. Wear a lab coat, close-toed shoes, gloves and goggles at all times during the experiment.
3. Disinfect your work space before and after each lab.
4. Using a sterilized and cooled inoculation loop. The bacteriological loops and needles are disinfected by baking in a burner flame before and after the screening of microorganisms.
5. Tie back long hair.
6. Do not consume food and/or beverages, apply cosmetics, touch your face or put anything into your mouth in the lab.
7. Clean and store microscopes properly after each use. Scope will be checked and points deducted for improper microscope care.
8. Turn off your Bunsen burner when it is not in use.
9. Do not pick up broken glass. Dispose of broken glass using the dust pan and broom, in the box designated for 'glass'.
10. If you spill a culture, cover the spill with a paper towel, soak the towel in disinfectant and allow it to sit for 20 minutes. Dispose of the toweling in a biohazard bag.
11. Know the location of the fire extinguisher, fire blanket and eye wash station before you begin your work.
12. Report any accident or injury to the instructor.
13. If you are feeling ill, do not work with live microbes.
14. If you are pregnant or taking immunosuppressant drugs you may need to postpone taking this class. Please have this discussion with your physician.
15. Adhere to the directions for disposal of all items used in the lab.
16. The research results are recorded in exercise book.