

Safety Rules for the Department of Pharmaceutical Biochemistry Laboratory

1. Biochemical laboratory is open only on exercise days during designated hours. Students not registered for classes and unemployed are not allowed inside.
2. Students are required to wear a lab coat, protective glasses, protective gloves, and appropriate footwear during classes.
3. Eating, drinking, or smoking is not allowed in the biochemical laboratory. After the exercises, students should wash their hands thoroughly.
4. All accidents (cuts, burns, etc.), observed threats, irregularities, or damages (broken glass, equipment damage) occurring during the exercises should be immediately reported to the teacher.
5. Before starting the exercises, familiarize yourself with the location of emergency equipment (e.g., fire extinguishers, first aid kits, eyewash stations) and evacuation routes.
6. Handle substances dangerous to health according to the information provided in the instructions for each exercise. Especially be careful when working with:
 - a. concentrated acids and bases
 - b. flammable substances – do not ignite fire
7. Operations with concentrated acids and volatile organic compounds should be carried out under a functioning fume hood. Do not pour water into concentrated acid.
8. In case of skin, mucous membrane, or eye burns, remove clothing from the injured area, and rinse the burned area with plenty of cold water.
9. If a reagent is swallowed, induce vomiting, administer a specific antidote or water to dilute the poison.
10. Acids, bases, organic solvents, and materials contaminated with carcinogens should be disposed of in specially marked containers.
11. Microorganisms, biological waste, genetically modified materials should be placed in designated disposal containers.
12. Take special care when working with:
 - a) centrifuges (possibility of hand injury)
 - b) electrophoresis apparatus (risk of electric shock)
 - c) devices emitting UV radiation (harmful to eyes and skin).
13. Use a separate pipette tip for each solution.
14. Conserve reagents and glassware.
15. Use only thoroughly washed glassware.
16. Maintain order at your workplace. After finishing work, each student is required to wash used laboratory glassware, dispose of waste, and clean their workstation.
17. Students are required to comply with other regulations of the assistant conducting the exercises.