

RULES AND REGULATIONS OF THE MICROBIOLOGICAL LABORATORY

LAB SAFETY

The microorganisms used in the microbiology course are pathogenic for humans. The safety of every student depends upon the conscientious observation of rules that must be followed by all who work in the laboratory.

The following rules must be observed at all times:

- 1) always wear a laboratory coat and a mask when working in the laboratory classroom,
- 2) smoking, eating and drinking in the laboratory are not permitted at any time,
- 3) any spilled biological material should be thoroughly wet down with a disinfectant and then brought to the attention of an instructor,
- 4) report at once an accident which may lead to a laboratory infection,
- 5) MICROSCOPES: at the end of each laboratory period, carefully clean oil from the objective and condenser lenses of the microscope, align the low power dry objective with the condenser and rack condenser up and body tube down; you will be held personally responsible for any defect found on microscope during laboratory classes,
- 6) when finished your task, dispose of all used glassware and cultures in the appropriate receptacle,
- 7) wash hands thoroughly with soap and water and use a disinfectant, before leaving the laboratory,
- 8) throw refuse of any kind only into the appropriate containers provided,
- 9) be sure all burners are turned off at the end of the laboratory period; double check to be sure that handles on all gas outlets are in the off position.
- 10) the inoculating needle should be heated until red hot before and after use.
- 11) always flame needle before you lay it down,
- 12) always place culture tubes of broth or slants in an upright position in a rack; do not lay them down on the table or lean them on other objects; they may roll onto the floor and break.
- 13) all culture containers which are to be incubated should bear the following notations: 1) your initials (or last name), 2) name of organism or number of unknown 3) date,
- 14) when using Petri plates, these notations should be entered on the bottom half, not the lid; unless otherwise directed, all plates are to be inverted.