**Lecture 1**

**Lab Safety Rules and Guidelines**



1. Be **sure to read all fire alarm and safety signs and follow the instructions in the event of an accident or emergency.**
2. **Ensure you are fully aware of your facility's/building's evacuation procedures.**
3. **Know emergency phone numbers to use to call for help in case of an emergency.**
4. **Lab areas containing carcinogens, radioisotopes, biohazards, and lasers should be properly marked with the appropriate warning signs.**
5. **Open flames should never be used in the laboratory unless you have permission from a qualified supervisor.**
6. **Always work in properly-ventilated areas.**
7. **Do not chew gum, drink, or eat while working in the lab.**
8. **Laboratory glassware should never be utilized as food or beverage containers.**
9. **\If you are the last person to leave the lab, make sure to lock all the doors and turn off all ignition sources.**
10. **Do not work alone in the lab.**
11. **\\ Never smell or taste chemicals.**
12. **Do not pipette by mouth.**
13. **Make sure you always follow the proper procedures for disposing lab waste.**
14. **If you have been injured, yell out immediately and as loud as you can to ensure you get help.**
15. **In the event of a chemical splashing into your eye(s) or on your skin, immediately flush the affected area(s) with running water for at least 20 minutes.**
16. **If you notice any unsafe conditions in the lab, let your supervisor know as soon as possible.**