



College of Science - Biochemistry Department

## **Safety guidelines in the Laboratories of Biochemistry Department**

1. Wear the lab coat to protect your clothes and your body from spilled chemicals.
2. Wear appropriate gloves when dealing with chemicals or samples.
3. Wearing protective boot protects you from the potential dangers do not wear slippers and sandals.
4. Place the plastic goggles to protect eyes from chemicals.
5. Remove GHOTRA before starting the experiment.
6. Performing the experiment carefully and quietly protect you from accidents.
7. Avoid side conversations with colleagues while doing the experiment.
8. Inform the technician about accidents whatever small.
9. Ask the lecturer about what you do not know.
10. DON'T smell or inhale chemicals or fumes.
11. DON'T TOUCH OR TASTE CHEMICALS.
12. DON'T eat or drink in the laboratory.
13. DON'T smoke in the laboratory.
14. DON'T take chemicals out of the laboratory.
15. DON'T touch or use contaminated wares.
16. Request first aid immediately if you suffer any accidents.
17. Commit to safety precautions recommended for each experiment.
18. Perform the gas evolving experiments in the gas hood.
19. Use the heating bath water instead of direct flame whenever it possible.
20. Withdraw liquids using the safety pipette.
21. DON'T try to open glass bottle using force.
22. Read the warning signs written on the bottles before use.
23. Wash your hands with soap and water after the completion of the experiment.
24. Use of disinfectants to clean hands specially when after microbiological or body fluid experiments.
25. Use of disinfectants to clean the working place after the completion of the experiment.
26. Make the place you are working in always clean.



كلية العلوم- قسم الكيمياء الحيوية

## الوصايا العشر للسلامة في المعامل الكيميائية

### Ten Tips for Safety in Chemical Labs

<b>Use</b>	<b>استخدم</b>	<b>Plan</b>	<b>خطط</b>
Fume hood when working with volatile chemicals	خزانة شفط الغازات عند التعامل مع المواد الكيميائية الطيارة	The experiment and know the hazard signs of chemicals	التجربة بالكامل وتعرف على علامات خطورة المواد
<b>Take away</b>	<b>ابعد</b>	<b>Wear</b>	<b>البس</b>
Flame sources form chemicals used in the experiments	مصدر اللهب عن المواد الكيميائية المستخدمة في التجربة	Lab coat gloves mask and goggles	البالطو والقفازات والنظارات والكمام
<b>Beware</b>	<b>احذر</b>	<b>Follow</b>	<b>اتبع</b>
Spills of chemicals when handling transporting and storin of chemicals	الانسكابات اثناء التجربة وعند النقل والتخزين للكيمياويات	Safety in handling storage and disposal of chemicals	إجراءات السلامة عند تداول ونقل وتخزين والتخلص من الكيمياويات
<b>Know</b>	<b>اعرف</b>	<b>Abstain</b>	<b>امتنع</b>
Places of fire extinguishers safety showers fountains firs aid and how to use	مكان طفايات الحريق ودوش السلامة ونوافير العيون والإسعافات الأولية وطريقة استخدامها	Smoking food and drinks in the lab	التدخين والاكل والشرب في المختبر
<b>Avoid</b>	<b>تجنب</b>	<b>Pay attention</b>	<b>انتبه</b>
Working alone or beyond working hours	العمل منفردا او خارج الدوام	Touching smelling or tasting of chemicals	من لمس او شم او تذوق المواد الكيميائية

