1- Wear the personal protective equipment (PPE) for protection against infectious materials and microbes e.g., gloves, goggles, overhead, mask, and lab coat or apron. 2- Do not eat or drink inside the lab. 3- Never pipette by mouth, but use the micropipette. 4- Read the instructions of any instrument or tool before using. 5- Read the procedures before the beginning of the experiment. 3 6- Avoid touching objects (e.g., pencils, cell phones, door handles) while wearing gloves. 7- All cultures should be handled as potentially pathogenic. 8- Report any breakages or accidents to the lab supervisor 9- After using the microscope, clean the lenses, remove the slide and traces of cider oil. 10- Don't discard the damaged materials and wastes to the sinks. 11- Wash your hands with soap and water before leaving the laboratory. 12- Turn off all devices, gas and water sources before leaving the laboratory. 4 In case of spills- Wear the personal protective equipment. Soak a paper towel or cotton piece in suitable disinfectant. Place the paper towel over the spilled material. After 15 minutes, lift the paper towel and place it in the basket. In case of splashes- Use soap and hot water to remove stains and smudges from the skin (hands). Used different disinfectants to remove stains and smudges from clothing after immersion long enough