

Use of Tissue Culture Room: Robertson Laboratory

The Tissue culture room is under BSL3 conditions for use. This is due to the guidelines of the CDC and OSHA regulations enforced by the University Of Pennsylvania Office Of Regulatory Affairs.

We use human pathogens and agents that have potential to cause harm and should be handled with the strictest care as per your training.

Here are some basic guidelines which should be adhered:

1. When entering the TC room be aware that you should not touch or introduce any materials which can create contamination or is removed from the room that can carry agents to outside areas with potential for transfer of agents to common areas.
2. All lamina flow hoods should be keep clutter free at all times. Cuvettes that are used should be placed in hoods only at night not during the work day when the hoods are actively used.
3. When you need to use the TC room sign up on the sheet for an allotted time slot.
4. The Lamina flow hoods should be kept absolutely clean before and after every use.
5. Use distilled water to wipe down all spills to remove the salt. This should be followed by wipe down with 70% ETOH on all surfaces including.
 - Sliding glass sash
 - Vacuum knob handle
 - Pipette man
 - Front grille
 - Arm rest and back of chair where you handle.
6. The vacuum hose should be bleached after every use and then rinsed with water the 70% ETOH allowing the liquid to be pulled into the collecting flask so that it is not settling in the hose.
 - Wipe the hose off with 70% ETOH.
7. All Pipette jars should be emptied after every use. Drain the pipettes in the jar containing bleach then place them in the grey buckets with the bags for autoclaving.
8. All Pasteur pipettes should be placed in sharps containers. Pipettes tips should be placed in autoclave bags in grey buckets not in the pipette jar containing bleach only plastic pipettes should be placed in these jars.
9. Do not put plastic flasks or boxes in Orange or white buckets for sharps. Only sharps and virus and blood contaminated waste should be placed in these buckets.
10. Wash all media bottles in tap water and discard in regular trash.
11. All flasks and plates contaminated with cultures should be discarded in autoclave bags in grey buckets after removing all media and cultures from them.

12. Do not warm up media before use. This breaks down the glutamine which reduces cell growth and viability. Let the media warm up to room temp.
13. Wipe all bench tops down after use and clean of sink area neatly keeping spray bottles in one corner (back left) of sink. Dry the sink area with paper towel.
14. Please shut of centrifuge at the end of the day if you are the last one to leave. Everyone should check for spills and clean with bleach, distilled water followed by 70%ETOH.
15. The water bath should be used only for thawing cell lines and virus preps. If you see it contaminated please clean immediately.
16. Shut off microscopes and wipe surfaces where you have spilled. Wash all hemocytometers and 96 well plates for counting cells. Dry hemocytometers immediately and return to proper position.
17. These guidelines are to be followed by everyone. **NO EXCEPTIONS!!!**

THANK YOU FOR YOUR ASSISTANCE TO KEEPING THE LAB SAFE