

Cell Culture Room General Procedures :

- If you wear a lab coat, make sure it is CLEAN and only to be used in the CC room
- Put on gloves from the CC room when entering (don't come into the CC room with gloves that have touched bacteria, chemicals, etc.)
- Always spray your gloves with 70% ethanol before entering hoods or incubators
- Quickly open/close incubator doors; do not leave them open for longer than necessary
- Washed glassware goes on the cart [only autoclaved glassware goes in the cabinets]
- Read over the protocol on washing glassware; it is by the sink [scrub with brush and rinse well with diH₂O!]
- Remember to cover the microscope when not using it and turn the microscope light off
- Thoroughly clean hemacytometer promptly after each use with a Kimwipe and 70% ethanol
- If switching from cell line to cell line: Spray down hood and change gloves in between
- Before placing the plastic tubing connected to the vacuum back in the hood, spray a paper towel with 70% ethanol and wipe it down thoroughly. Especially if it has been on the floor!

In the hood:

- Spray down anything you place inside the hoods with 70% ethanol and wipe dry with paper towel (for flasks, spray a paper towel with 70% ethanol then rub the outside of the flask-don't spray the flask directly)
- Minimize the amount of things you bring inside the hood
- Do not hover over open flasks (hands, sleeves, opening other items over the top of open flasks is not recommended)
- Remove aluminum wrap with caution and do not touch the neck of the flask when removing. Place it inside face up in the hood and make sure the inside doesn't touch anything in the hood
- Hold the flask near its base when aluminum foil is off
- Remove glass pipettes by shaking the container first until several pipettes are separated from the others. Then touch only one and make sure it doesn't brush up against any of the others when removing it
- Clean up any spills right away, especially if they are cells (spray paper towel with ethanol then clean spill)
- Don't place anything on the front grill; blocking this area is not a good idea
- Don't let media drip down the side of flasks; contaminants can be introduced into the flask if this media is not removed with a paper towel which has been sprayed with ethanol
- Remove sterile pipettes by peeling the wrapping off (no ripping!) and making sure the outer wrap doesn't touch the pipette; do this in one swift motion
- Discard of and do not use pipettes that have accidentally banged into or touched other things in the hood

Do NOT:

- Do not sneeze, breathe, or talk while opening the incubators (mycoplasma can be present in human mouth)