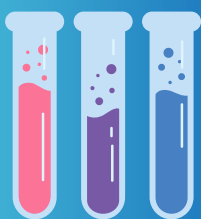


# CELL CULTURE CONTAMINATION

Tips & tricks for dealing with contamination in the laboratory



## Purge BSC



Turn blower on 15 minutes before work begins and leave on 15 minutes after work has concluded

## Decontaminate



Decontaminate BSC interior before and after each use with appropriate disinfectant

## PPE



Wear clean lab coat with wrist-cuffs with your gloves pulled OVER cuffs

## Aseptic Technique

- Work from "Clean" to "Dirty"
- Place all materials inside BSC before beginning work
- Disinfect all materials going INTO and coming OUT of BSC
- Use dedicated pipettes

## Careful Movements

- Work in controlled & steady manner
- Avoid rapid movements
- Move arms straight in and out of BSC
- Keep foot traffic around BSC to a minimum

- Do not block front or rear air grills of BSC with equipment, papers, etc.
- Do not overcrowd BSC workspace
- Do not open reagent bottles outside of BSC containment
- Do not share stock bottles between different cultures
- Do not store materials inside BSC
- Clean & disinfect under BSC work surface regularly
- Keep lab space tidy & free of clutter

- Limit how often you open incubator door
- Use fan-less incubator, if possible
- Replace incubator HEPA filters regularly, if applicable
- Empty, clean & disinfect incubator water tray weekly
- In case of spill in incubator, clean & disinfectant ASAP - wipe disinfectant, don't spray!



Research Safety