

WORKING IN THE FLY LAB

There are two main objectives behind these rules for working in the fly lab:

- Limit infestations of parasitic mites in stocks
- Maintain a good working atmosphere

RULES for QUARANTINE

Quarantine all outside stocks, even stocks from the Price lab. Quarantine is located in shelf above table-top centrifuge in the wet lab.

- 1) Turn stocks over to fresh vial once per week, every week for 5 weeks. **Date and save old vials.**
- 2) At the end of 5 weeks, inspect all vials under a dissecting scope for the presence of mites. Mites can best be seen in oldest vials where all flies are dead – mites will reveal themselves as moving white dots in otherwise old, dead vials and are about as large as the whole in this letter “o.”
- 3) Mite-free stocks then (and only then) can be moved into the fly room. If mites are detected, immediately ask Dr. Dobens for further instructions.

RULES for FLY CULTURE

- 1) Keep vials in trays and label trays clearly with your name and the date passed or the date of the oldest stock
- 2)
 - To minimize the chance of mites, fly food should flow in one direction: a-
 - a- from freezer (thawed overnight while in bag and capped in the morning),
 - b- stored in 18 degree incubator on top shelf where mites can't climb
 - c- to your cultures
 - d- then to autoclave bags. If bag fills, take it on yourself to twist, tie and dispose. Bags can be frozen or autoclaved then tossed.
- 3) Clean cages immediately after use.

TIME LIMITS FOR STOCKS

18°C :	42 DAYS
21°C or ROOM TEMP	30 DAYS
25°C :	25 DAYS

If you find a mite, freeze the vial or remove from fly room – dial Dr. Dobens

GENERAL RULES

- 1) Store yeast paste in refrigerator, two weeks, max, and clean immediately
- 2) Replace water in fly morgues – clean funnels
- 3) Clean fly stations completely when you are finished.
- 4) Label your own tools and do not use other's tools.
- 5) Radio is first-come, first served