Culture Collection Transfers

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The bacterial culture collection for Microbiology Teaching Labs is maintained in the 4C glass door fridge in Hesler 415. Every 2 months, cultures are transferred to maintain cell viability. Some organisms do not persist well in the fridge on BHI slants, and are kept as glycerol stocks in the -80 in Hesler 414. The organisms found on the Culture Transfer Tally Sheet are kept on BHI slants and transferred every 2 months.

1. Add 3 ml sterile BHI broth to one sterile tube per organism. About 1 ml of culture can inoculate 4-5 slants.
2. Transfer a loopful from the slant to the broth. Note temperatures on each label on tubes. If the incubation temperature is not noted, then it is 37C.
   1. Organize organism on racks based on incubation temperature.
   2. Keep each original slant behind the broth tube it inoculated on the rack.
   3. No need to label the broth tubes.
3. Grow cultures for 24-48 hours until the culture is visible.
4. Transfer ~ 200 ul of broth to each slant.
5. Incubate for 24-48 hours until culture is visible.
6. Store in fridge.