Lab 3 guide (lab overview, yeast plate take-home advice)

This week's lab

In this lab, we'll learn about mold control and how to evaluate the effectiveness of different cleaning products in killing mold. We'll set up a bioassay to test four different cleaners against a living test organism, and one volunteer from each group will take plates home to watch how they grow.

Yeast Plate instructions (at home)

1. You have four PDA plates, which your table added yeast to in class that were exposed to four different concentrations of the same cleaner (0%, 1%, 10%, and 100%). The yeast just needs to grow for a little while.
2. Place the Petri plates in a relatively warm location for ~48 hours. Ideally the plates should be inverted with the lid side (the bigger side) facing down.
3. After waiting 48 hours, observe the plates. Write down the approximate percentage of yeast on the 1%, 10% and 100% plates when compared to the 0% (control) plate in your bag.
Note: If the colonies are still very tiny and hard to count, let the plate grow another 24 hours! Repeat again if needed. Colonies may grow slowly in colder conditions.
4. *Optional*: take photos of the plates.
5. Throw the four Petri plates away in the trash when you're done. Do NOT open them!
6. Before next lab, add your results to the correct section and table in **this shared spreadsheet. (https://docs.google.com/spreadsheets/d/1EZZu1b3TbdHQ75mF9MlHDqBiXxGEiv-oSsd2GNPObXU/edit?usp=sharing)**