

Lab Drawings
(20 points total)

- a. Make realistic **colored** drawings of the following organisms:
- *Bacillus subtilis*
- *Corynebacterium xerosis*
- *Escherichia coli*
- *Micrococcus luteus*
- *Staphylococcus aureus*
- b. Make drawings representing each and every organism's reactions for the **gram stain** and **endospore stain**.
- c. Indicate the morphology and predominant arrangement seen or reported for each organism.
- d. Draw representatives within a field of view. Do not fill the entire field with bacteria.
- e. Drawings **must** be on plain white paper. No lines!
- f. This assignment should look like a college student made them, not a child!
Bacterial names must be **typed** in the **correct format**.
All text must be typed.
Bacteria may be hand-drawn but nothing else.
- g. Everyone does his/her own work! Sharing of drawing templates will result in credit being divided among everyone involved. If they look nearly identical, the points will be divided.

Grading Scheme for each organism:

Correct shape – 1 point

Incorrect arrangement – 1/2 point deducted

Gram Stain: Correct color – 1 point

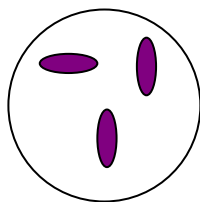
Spore Stain: Correct color/structures (e.g., spores) – 1 point

Format/Typing – 1 point

Example:

Organism: *Rhodobacillus microbius*

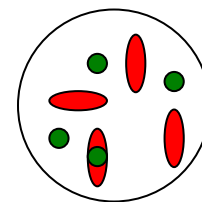
Stain:



Reaction:

Gram positive

Morphology/Arrangement: single rods



Endospore positive