

## Microbiology Lab Experiment Changes

- Experiment #:** 2-3, 2-4
- Title:** Growth Patterns: Slants & Broth (Cultural Characteristics)
- Live Organisms:** *Pseudomonas aeruginosa*, *Bacillus cereus*,  
*Micrococcus luteus*, *Mycobacterium phlei*, *Klebsiella pneumoniae*, *Chromobacterium violaceum*
- Changes:**
1. **This is an Observation-Only Exercise.**
  2. You are to make observations and drawings of the slants and broth cultures. **Do Not Pick Up Broth Cultures!**
  3. Note that the same organisms are used for the slant and broth cultures. The manual uses different organisms for the broth culture pictures.

**Take Home Lesson:** Some bacteria exhibit very specific cultural characteristics in or on artificial media. Some of these characteristics can be used to help identify and classify bacteria. You must be able to recognize the above characteristics not for specific organisms but if given a slant or broth culture you must be able to state the characteristics displayed.