

Safety Procedures (Safety Handout and Contact Lens Handout)

Laboratory Schedule (Handout)

Introduction to Cultures and Culture Media

- Key Definitions
 - culture

 - culture medium

 - agar

 - petri plate

 - agar deep (or agar stab)

 - agar slant

 - turbid (turbidity)

 - colony

 - isolated colony

Introduction to Aseptic Technique (Experiments 6 and 7)

- Labeling of cultures – 1) All cultures must have your name (or initials), the name of the culture, and the date. 2) Occasionally you may need to include the incubation temperature or the culture medium. 3) Label the petri plates on the side with the agar.
- Transfers of *Serratia marcescens*
 - Each student will need: 1 inoculating needle, 1 inoculating loop, 1 nutrient broth, 1 nutrient agar deep, 1 nutrient agar slant, and 2 nutrient agar petri plates.
 - Instructor will demonstrate each step first.
- Incubate all cultures at room temperature (RT). Petri plates with bacteria are traditionally incubated agar-side up to prevent the collection of moisture on the agar surface.