**Pre-Lab Questions for pGLO Lab Activity**

Read Lesson 1 from your lab packet and answer the following questions:

1. What does genetic transformation mean?
2. Circle the kind of organism you will be creating:
3. Transgenic bacteria
4. Cloned Bacteria
5. Transgenic jellyfish
6. Cloned jellyfish
7. What is does acronym “GFP” mean?
8. What will your task be in this activity?

Read the procedure given in Lesson 2

Answer the following questions:

1. How many agar plates will you need at your station?
2. What is the “sterile inoculation loop” used for?
3. Why do you need to use a new inoculation loop for each micro test tube and agar plate?
4. What does “pGLO” mean?
5. What is placed in the micro test tube?
6. What temperature must you warm the micro test tube during the Heat Shock Procedure?
7. How long should the micro test tube be warmed for?