

Name: Amirah, Krithika

Date: 9/11/19

Goal:

1. Overnights of transformed pcb302 glycerol stock
2. Cell count for transformed symbiodinium

Name: Amirah

Date: 9/11/19

Goal:

1. Make overnights from the transformed pcb302 glycerol stocks

Protocol:

Overnight Cultures

1. Added 7 mL of LB to a 15 mL Falcon tube along with 7 μ L of antibiotics (Kanamycin)
2. Dipped a pipette tip into your the glycerol stock and dropped into the tube
3. Incubated in the back incubator at 30° C at 220 rpm for hours

Name: Krithika

Date: 9/11/19

Goal:

Cell count for transformed symbiodinium from 9/3/19 via hemocytometer

Protocol:

1. 10 μ l of each sample was pipetted into the hemocytometer and placed under a microscope for counting.
 - a. Samples:
 - i. SHS GFP, SC2 GFP, DIC GFP
 - ii. SHS RFP, SC2 RFP, DIC RFP

Results:

No cells were visible; the transformation was unsuccessful.