

Name: Krithika, Christina

Date: 8/30/19

Goal:

1. Original mCherry overnights
2. Check pCB302 in *A. Tumefaciens* OD

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1. Original mCherry overnights

Protocol:

1. 7mL of LB and 7 $\mu$ L of chloramphenicol was added to a 15mL Falcon tube
2. A p10 tip was dipped into the selected colonies and dropped in their respective tubes
  - a. 7 colonies per plate (14 samples total)
3. Samples were placed in the middle room incubator at 37° C at 185rpm at 4:45pm
  - a. Shaker will not allow anything over 185rpm as machine shuts off

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1. Check pCB302 in *A. Tumefaciens* OD

Protocol:

1. 3 samples were checked (using 800 $\mu$ L of the sample)
  - a. OD = .315
  - b. OD = .600
  - c. OD = .964

Conclusion:

Samples are not at the desired OD of 1.5. The sample with the lowest OD (.315) seems to have the most clumping while the sample with the highest OD has a relatively even spread of suspended cells.