

## **Cell synchronization (using alpha factor)**

1. Grow 2 ml of yeast cells overnight at 30<sup>0</sup>C shaker.
2. Dilute the culture to the OD<sub>600</sub> of 0.2 in the same medium.
3. Grow the culture till the OD reaches 0.4 (one doubling).
4. Add alpha factor to the final concentration of 8 μg/ml.
5. Continue growth for approximately 2 hrs for ~90% arrest. Arrest varies depending on the strain and media. Incubate more if necessary.