

NEXT WEEK THE DAY BEFORE LAB don't forget!!!

Start overnight cultures from your transformation plates.

Next week during our scheduled lab period we will isolate plasmid DNA from these cultures and determine if we have our desired clone.

First 2 students alphabetically– two independent

DH5alpha/pGEM3 colonies from the LB+Amp plates.

All remaining students – two independent colonies from the

DH5alpha/pLIG from the LB+Amp plates.

Pick two independent colonies. Everything you need will be on the lab bench; tubes with LB+Amp (extra tubes are in the refrigerator), your transformation plates, and sterile plastic loops.

Use sterile technique and pick two separate colonies Each colony is inoculated into a separate tube of LB+Amp, using the sterile yellow plastic loops. Put used loops in glass jar marked “loop disposal”.

Use tape to label tubes. Put tape near the top of the tube so the cap will cover the tape. Push caps down firmly with a twisting motion. The tubes are incubated overnight at 37°C in the hot air shaker. Set shaker to the **red arrow**.