

For next time

1. Review today's lab to prepare for the lab practical that you and your partner will take together.
2. Complete the Chemical Safety Training on MIT Server.

Print the certificate of completion to turn in next time

3. Get a lab notebook. It should be bound and have duplicate, numbered pages. You can choose the style with carbon sheets or the carbon-less kind used in 5.310.
4. Read the introduction for the DNA engineering module: an experiment that you'll start next time.
5. Learn a little about the Polymerase Chain Reaction (PCR) since you will perform these reactions next time. It is described in most biology textbooks so you could start there. Alternatively, the internet has some nice animations of the process, for example
 - <http://www.dnai.org/b/index.html> (follow the links through "techniques" and "amplifying DNA")
 - or try: <http://www.dnalc.org/ddnalc/resources/shockwave/pcranwhole.html>