**CHEM525 Experiment 6 PreLab**

**Protein Purification**

1. Briefly describe each lysis technique and the associated risks. By risk, I mean risk to your protein, not to your body.
   1. Chemical Lysis
   2. Sonication
   3. Freeze-thaw cycles
2. Why is gel filtration typically not used as a 1st chromatography step?
3. What is FPLC and how is it used?
4. How will you determine what FPLC fractions contain protein?