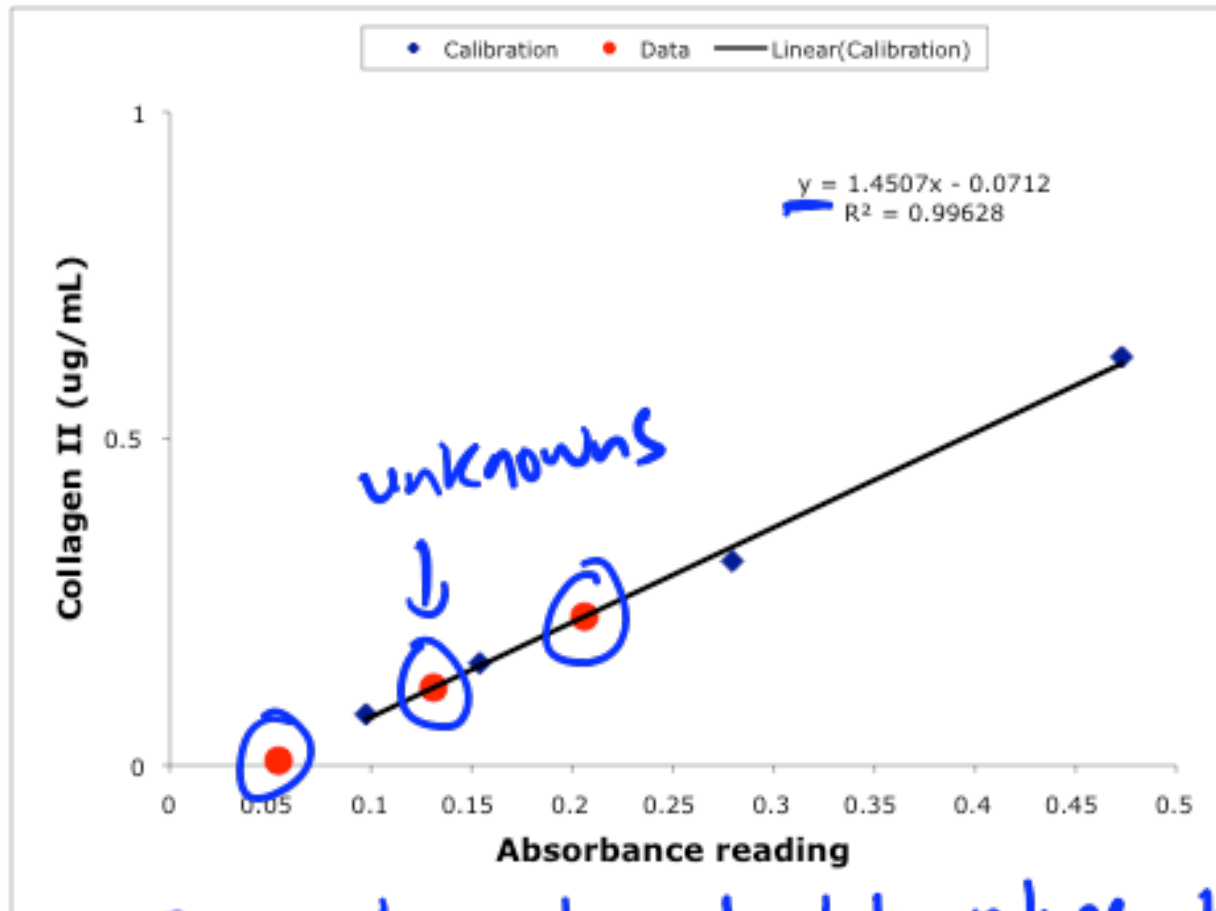


- Announcements
- Final Quiz
- Wrap-up comments

# Announcements

- Presentations May 11<sup>th</sup>/12<sup>th</sup>
  - In room 16-336, starting at 1:35 pm
- Plan for Thursday, May 13<sup>th</sup>
  - Lecture: give feedback, then fill out evaluations
  - Afterward, lab party in 56-046, 12-1:30 pm (RSVP)
- Final self-assessment
  - Optional (due to term regs), but would be nice to hear your input
  - Can hand in by email, by Thursday the 13<sup>th</sup>

# ELISA analysis



CN II/I ratios; also absolute values potentially.  
if latter is small, former is meaningless.

# Final assignments, etc.

- Report: what do I need to know to understand and repeat your experiment, given OWW access?
  - Experimental plan – alginate, cells (type/#)
  - Amount and quality of RNA
  - RT-PCR analysis method
  - ELISA level of replicate agreement
  - (Not an exhaustive list!)
- Research proposals
  - Rubric is online (*Assignments* page)
  - Specify a question and experiments to address it
  - Make clear what is novel aspect(s)
- Clean-up!

# Optional discussion of data

- Looking at live cell count vs. live cell % *sampling; expt'l*
- Understanding transcript assay mechanics
- What if protein and transcript assays suggest different conclusions?
  - technical reasons
  - biological reasons

*low absolute conc; differential degradation rates for IUS. II; pepsin "*

*Snapshot vs. cumulative processing/export*

*\* optimized for 100 ng template*

*ELISA - absolute [protein]*

*RT-PCR - relative to benchmark / each other information*

