- Announcements
- Final Quiz
- Wrap-up comments
Announcements

• Presentations May 11\textsuperscript{th}/12\textsuperscript{th}
  – Starting at 1:35 pm

• Plan for Thursday, May 13\textsuperscript{th}
  – Lecture: give feedback, then fill out evaluations
  – Afterward, lab party at 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\textsuperscript{th}
ELISA analysis

CN II/I ratios; also absolute values potentially. If latter very 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 %
• Understanding transcript assay mechanics
• What if protein and transcript assays suggest different conclusions?
  □ technical reasons
  □ biological reasons
  - low absolute conc.; differentiated degradation rates for I vs. II;
  - pepsin rates for I vs. II;
  - snapshot vs. cumulative; processing/export
  - optimized for ~100ng template
  - ELISA – absolute [protein]
  - RT-PCR – relative to benchmark/each other information
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