Final Research Report

• Purpose: To effectively communicate your scientific findings in writing as they relate to your central hypothesis.

• Task: You will be submitting an individual report that describes your research at the end of the semester. This report constitutes 25% of your grade.
Final Report Guidelines and Timeline

Timeline (adapted from BCMB 4970 at UGA): The following schedule, which begins about four weeks from the due date, is strongly recommended, especially for students writing their first report.

**Week 1 (Nov. 10)**
- Be aware of your hypothesis
- Review your data and methods
- Begin an outline containing the following headers:
  - Title
  - Summary/Abstract
  - Introduction
  - Experimental Methods
  - Results
    - Tables
    - Figures with Figure Legends
  - Discussion
  - References
- Begin writing the Introduction (~1 page)

**Week 2 (Nov. 17)**
- Discuss your hypothesis, tentative titles, and introduction with your professor for feedback
- Create your Tables, Figures, and write Figure Legends
  - Even if you haven’t gotten your final results, reserve a space and write a tentative legend. This also helps clarify what still need to be done
- Write Materials & Methods (up to 2 pages) and begin writing Results (up to 3 pages)
Final Report Guidelines and Timeline

**Week 3 (Nov. 24)**
- Discuss Methods, Figures, and Figure Legends with your professor for feedback
- Finish writing Results section
- Write Summary/Abstract (300 word limit)
- Write Discussion section (up to 2 pages)

**Week 4 (Dec. 5)**
- Discuss Summary, Results, and Discussion sections with your professor for feedback
- Revise paper per comments by professor and/or audience of your presentation and finalize changes
- Format and submit your report on Canvas
Expectations and Point Breakdown

• Individual report
  – Everyone must submit a report written as an independent
  – Due Dec. 11 by midnight

• 200 points total
  – Title: 15 points
  – Author and affiliation (Department, Course, Instructors, Date): 5 points
  – Summary/Abstract: 20 points
  – Intro/background: 30 points
  – Materials & Methods: 15 points
  – Results (Total 85)
    • Text body (describe results and refer to figures, no conclusions): 20 points
    • KD verification of hit(s) (images, qPCR, and WB): 15 points
    • Proposed experiments/assays: 50 points
  – Conclusion: 20 points
  – References (with appropriate citations within text): 10 points
Rubric found on Canvas Under Module 6