**Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ “Final” version received: \_\_\_\_\_\_\_\_\_\_\_\_\_**

***Due to the committee: 4/19/2024 Grading Due Date: 5/1/2024***

Students were required to submit their final paper containing the Title, Abstract, Introduction, Experimental/Methods, Results, and Discussion sections. Feedback from previous written assignments should have been addressed, and the paper should be fully referenced, containing a minimum of fifteen (15) full in-text citations of peer-reviewed sources. Citations should be in standard ACS format (with titles) or *Biochemistry* format.

**Please evaluate the document based on the following criteria:**

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| 1. **Incorporation of feedback from previous assignments** – Has the student shown that comments/corrections from previous assignments have been addressed? | **\_\_\_\_\_\_\_\_\_/20** |
| 1. **Abstract** - Does the abstract briefly state the purpose of the research, indicate the experimental plan used, summarize the principal findings and point out the major conclusions? | **\_\_\_\_\_\_\_\_\_/20** |
| 1. **Introduction** – Does the introduction clearly state the objectives of the research? Is there sufficient justification for the research? Is the previous literature in the project area sufficiently reviewed? (*Suggested value: 30 pts*) | **\_\_\_\_\_\_\_\_\_/100** |
| 1. **Experimental/Methods** – Does the student provide an accurate and scientific description of experimental conditions? Does the student make use of appropriate (and correct) chemical symbols and scientific language? Are the methods detailed enough to be replicated by an informed scientist? (*Suggested value: 35 pts*) |
| 1. **Results/Discussion** – Is the presentation of data appropriate for the project? Does the student make good use of tables, graphs, figures, and schemes? Are the tables, graphs, figures, and schemes explained well enough to demonstrate a good understanding of the data? Is the interpretation of the results presented logically? Are the results sufficiently related to existing knowledge? (*Suggested value: 35 pts*) |
| 1. **Writing quality and organization** – Is the paper written in an organized, unambiguous manner? Are the transitions smooth? Does the writer use proper grammar and terminology? Are there errors in spelling or punctuation? | **\_\_\_\_\_\_\_\_\_/20** |
| 1. **Citations (minimum of 15)** – Are there a sufficient number of citations from the peer-reviewed literature? Is the format of each citation correct? | **\_\_\_\_\_\_\_\_\_/20** |
| 1. **Overall Impression** | **\_\_\_\_\_\_\_\_\_/20** |
| **Total:** | **\_\_\_\_\_\_\_\_\_/200** |

**Comments/suggestions:**