

## Medical Bioscience Scientific Paper Grading Rubric

TEAM INFO	
School	
Instructor	
Project Title	
Student Names	

A. Cover and Title Page	/1
B. Table of Contents	/1
C. Abstract	/2
D. Introduction	/10
E. Question	/1
F. Hypothesis	/1
G. Material List	/2
H. Written Protocol	/10
I. Data Analysis	/10
J. Conclusion	/10
K. References	/2
<b>SUBTOTAL</b>	<b>/50</b>
<b>SUBTOTAL ÷ 5</b>	
<b>FINAL</b>	

### Scientific Paper Guidelines Reference

(typed, 1-inch margins, 12 font, Times New Roman)

- A. Cover and Title Page
- B. Table of Contents (starts with the Abstract & ends with the References)
- C. Abstract (summary of project using the scientific method, less than 250 words)
- D. Introduction (background description of the problem, historical background of the topic, scope of the research project that will take place, using future tense)
- E. Question/s: What team is trying to solve
- F. Hypothesis: educated guess
- G. Material List: examples— glassware, machinery, or chemicals
- H. Written Protocol: step by step procedure in past tense; include dependent vs. independent controls
- I. Data Analysis: including charts, graphs, diagrams, photos. All should be titled, labeled and captioned whenever applicable
- J. Conclusion (four parts)
  1. State what the data analysis means
  2. State whether or not the hypothesis was correct
  3. Experimental errors
  4. Recommendation for further research
- K. References (primary and secondary)

**\*NOTE:** The scientific paper score will be added to the Judging Team Score Card