

Grading Matrix

Criterion	Excellent (90-100)	Good (80-89)	Satisfactory (70-79)	Needs Improvement (60-69)	Poor (below 60)
Research Content and Understanding	Thorough understanding of the topic, text well-supported by literature, clearly formulated research hypothesis	Good understanding of the topic, clear research hypothesis, mostly supported by literature	Adequate understanding, hypothesis present but may lack clarity or support	Basic understanding, unclear hypothesis, weak support from literature	Poor understanding of topic, missing or unclear hypothesis, insufficient literature support
Experimental Design and Methodology	Innovative, well-designed experiments, appropriate models and methods, clear controls	Good design, appropriate experiments, models, and methods, minor issues with controls	Adequate design, experiments and methods are appropriate but lack detail or controls	Weak design, experiments or methods are inappropriate to the research question or poorly described	Poor or missing experimental design, inappropriate methods, lack of controls
Discussion and Impact	Insightful discussion, clear strengths and weaknesses, significant potential impact	Good discussion, clear strengths and weaknesses, potential impact of results to the understanding of disease clearly described	Adequate discussion, some strengths and weaknesses identified, some potential impact discussed	Weak discussion, impact of results to the understanding of disease unclear, limited identification of strengths and weaknesses	Poor or missing discussion, no clear strengths or weaknesses, no discussion of impact
Writing Quality and Adherence to Guidelines	Clear, concise, well-organized, adheres to all guidelines	Clear and organized, minor errors in formatting, structure adheres to guidelines	Adequate clarity and organization, some errors in formatting or style, structure adheres to guidelines	Weak clarity and organization, several errors, partially adheres to guidelines	Poor clarity, numerous errors, format does not adhere to guidelines

Grading Criteria and Weights

1. Research Content and Understanding (30%)
2. Experimental Design and Methodology (30%)
3. Discussion and Impact (20%)
4. Writing Quality and Adherence to Guidelines (20%)

Performance Levels

Excellent (90-100)
Good (80-89)
Satisfactory (70-79)
Needs Improvement (60-69)
Poor (50-59)
Fail (below 50)