

Rubric to Assess Hypothesis for 1st semester Progress Report

Criteria	Excellent (4)	Good (3)	Fair (2)	Poor (1)
Clarity of Hypothesis	Hypothesis is specific, testable, and clearly states expected direction of effect	Hypothesis is testable but lacks clear directional expectation	Hypothesis is vague or broad	Hypothesis is unclear or not testable
Biological Relevance	Hypothesis addresses a relevant biological question	Relevance is clear but not strong	Relevance is somewhat speculative	No clear biological significance
Variable(s) Identification	Independent and dependent variables are well-defined and measurable; appropriate controls and experimental treatments are identified	Most variables are clear but could be better detailed; basic controls present but not all experimental treatments	Some key variables are missing or unclear; minimal controls or no mention of treatments	Variables are poorly defined or inappropriate; No controls or treatments provided