**Project Rubric**

Your Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group Member Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Criteria** | **3 points** | **2 points** | **1 point** |
| Research on Genetic Disorder | Accurately identifies specific mutations, affected cells, prevalence, symptoms, and current treatments for the chosen genetic disorder. | Identifies some of the required information for the chosen genetic disorder, but with some inaccuracies or missing details. | Provides limited or incorrect information about the chosen genetic disorder. |
| Understanding of CRISPR/ Cas9 | Demonstrates a thorough understanding of CRISPR/Cas9, including the concepts of non-homologous end joining and homology-directed repair. | Shows some understanding of CRISPR/Cas9, but with minor misconceptions or incomplete explanations. | Displays a limited understanding of CRISPR/Cas9, with significant misconceptions or lack of explanation. |
| Modification of CRISPR Model | Successfully modifies the paper CRISPR/Cas9 model to accurately simulate how it would be used to alter the specific gene target for the chosen genetic disorder. | Modifies the paper CRISPR/Cas9 model with some inaccuracies or inconsistencies in simulating how it would be used to alter the specific gene target. | Attempts to modify the paper CRISPR/Cas9 model, but with significant inaccuracies or inconsistencies in simulating how it would be used to alter the specific gene target. |
| Funding Pitch Development | Develops a well-organized and compelling trifold poster that clearly presents the need for funding to develop a CRISPR-based cure for the chosen genetic disorder. | Develops a somewhat organized trifold poster, but with some inconsistencies or lack of clarity in presenting the need for funding. | Develops a poorly organized or unclear trifold poster that does not effectively present the need for funding. |
| Class Consensus | Contributes significantly to the debate and discussion, effectively advocating for the chosen genetic disorder to receive the funding based on evidence and logical reasoning. | Participates in the debate and discussion, but with some inconsistencies or limited contribution to advocating for the chosen genetic disorder to receive the funding. | Has minimal or no contribution to the debate and discussion, or fails to advocate for the chosen genetic disorder to receive the funding. |
| Sources and Citations | Accurately cites reliable sources for all information presented. | Mostly cites reliable sources for the information presented. | Partially cites reliable sources for the information presented. |