|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** |  |  |  |  |  |  |  |
| Learning Objectives—minimum two per team member | 12 | 10 | 8 | 6 | 4 | 2 | 0 |
| Learning Objectives—different Bloom’s levels, stated correctly, matched to intended audience | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Organization—five sections, clear headings; subsections; logical order | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Organization—exploration builds in a logical manner; good elements of formatting |  | 5 | 4 | 3 | 2 | 1 | 0 |
| Figures—minimum one per team member, with legends | 12 | 10 | 8 | 6 | 4 | 2 | 0 |
| Figures—complexity, accuracy, creativity, relevance to story line | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Table—at least one data table | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Instructions—for student to obtain at least one 3D protein structure per team member |  | 5 | 4 | 3 | 2 | 1 | 0 |
| Instructions—for student to use a non-3D structural tool (such as BLAST) |  | 5 | 4 | 3 | 2 | 1 | 0 |
| Instructions—clarity, accuracy/functionality, ease of use, completeness |  |  | 4 | 3 | 2 | 1 | 0 |
| Assessment questions—minimum 2-3 per objective, appropriate to assess objective; Blooms | 12 | 10 | 8 | 6 | 4 | 2 | 0 |
| Assessment questions—suited to intended audience, requiring data analysis/interpretation, complex | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Assessment key—accuracy and completeness | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Introduction/background information—includes citations, relevant information | 12 | 10 | 8 | 6 | 4 | 2 | 0 |
| Storyline—creative, elements of mystery, connects structure to function; needs structure to answer Q | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| Literature cited—minimum 5 citations, correctly formatted |  | 5 | 4 | 3 | 2 | 1 | 0 |
| Writing style—cohesiveness, clarity, polish | 6 | 5 | 4 | 3 | 2 | 1 | 0 |

Molecular Case Study Rubric

The assessed components of the final Molecular Case Study are listed in the tables below. Your team leader will submit one draft worth a total of 120 pts distributed as follows:

**Comments**: