Scoring rubric for disease summary assignment

1. Brief introduction to the disease. (1 points)

2. What is the mode of inheritance? (2 points)

3. What is the chromosomal location of the gene or genes that cause the disease? (2 points)

4. Are specific groups of people at risk? If so, tell what groups? If not, then say so. (1 points)

5. What protein does the gene code for? How are the properties of the protein altered by the mutation? What is the structural basis for these altered properties? How does the mutant protein affect a metabolic pathway in cells? Provide details of the pathway that is affected and describe in detail how the mutant protein disrupts the normal function of that pathway. (5 points)

6. Discuss whether or not there are treatments to alleviate the symptoms of the disease. What are the available treatments? (2 points)

7. Provide a list of sources used to obtain the information in the summary. (2 points) This is not included in the one page limit.

8. Are there misspellings? (2 points max will be deducted for any spelling errors)

9. Complete sentences (3 points max will be deducted for poor sentence structure, incorrect subject-verb agreement, etc)