

Biology 30S

Name _____

Film: Lorenzo's Oil – Part One

Directions: Answer the following questions based on the information provided in the film, Lorenzo's Oil.

Characters:

Lorenzo Odone – child

Michaela Odone– mother

Augusto Odone- father

1. Lorenzo begins to experience problems at school and at home. What symptoms of the disease first appeared?

2. What medical tests were done to assess Lorenzo's condition?

3. When Lorenzo is diagnosed with Adrenoleukodystrophy, the doctor explains the prognosis for this disorder. What does he tell Mr. and Mrs. Odone?

5. The inheritance pattern for this disease is referred to as _____

6. Lorenzo inherited this disease from which parent? _____

7. The biochemical basis of this disease is related to the metabolism of what molecules?

8. What is myelin?

9. How is the buildup of molecules affecting the myelin sheath of Lorenzo's neurons?

10. What two trial studies did Lorenzo's parents try to help their son fight the disease?

11. What changes are apparent in the lives of the Odone's that are related to Lorenzo's illness?

12. What decision did Lorenzo's parents make about the way they would fight the disease to save their son?

13. How was Lorenzo's disease progressing?
