

**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?  
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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?  
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11. What changes are apparent in the lives of the Odone's that are related to Lorenzo's illness?  
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12. What decision did Lorenzo's parents make about the way they would fight the disease to save their son?  
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13. How was Lorenzo's disease progressing?  
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