

## 100 Greatest Discoveries in Biology

Answer the following question as you watch this video.

1. Who hosts (narrator) this video?
2. The first great discovery was .....
3. How large was the first microscope?
4. What was found in the bead of water Van Leeuwenhoek was observing?
5. Robert Brown discovered the .....
6. The third form of life are called .....
7. The temperature range of a hydrothermal vent goes from ..... to ..... degrees.
8. Cell division is the process that cells use to ..... itself.
9. Cell division is also called .....
10. Fertilization results from the union of 2 ..... cells.
11. A special form of cell division that makes sex cells is called .....
12. Scientists call cells that can develop into any type of cell, .....  
.....
13. What happened to the mouse that was genetically altered.
14. The Krebs cycle is responsible for changing the food we eat into .....
15. Mitochondria in the cell perform what function?
16. A nerve cell is called a .....
17. The transmission of nerve cell is ..... and is called a .....  
.....
18. How many hormones have been identified since their discovery?
19. Photosynthesis is the process by which plants .....  
.....
20. Biodiversity refers to .....  
.....
21. Where do many of the cancer drugs come from today?
22. All tropical rainforests could disappear in .....  
.....
23. In the 1930s the western United States became a ..... because of drought.
24. The word ecosystem means .....  
.....
25. .... power drives all cycles on the earth.