

Discovering Cells

Understanding Main Ideas

Fill in the blanks in the table below.

Discovering Cells

Scientist	Contribution
1. <u>Hooke</u>	One of the first people to observe cells
Leeuwenhoek	2. <u>Observed tiny moving organisms</u>
3. <u>Schleiden</u>	Concluded that all plants are made up of cells
Schwann	4. <u>Concluded all animals are made up of cells</u>
5. <u>Virchow</u>	Proposed that all cells come from other cells

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition in the blank beside the term.

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| <u>b</u> 6. cell | a. a widely accepted explanation of the relationship between cells and living things |
| <u>c</u> 7. organ | b. the basic unit of structure and function in living things |
| <u>a</u> 8. cell theory | c. a group of different tissues working together |
| <u>f</u> 9. organ system | d. a group of similar cells that work together to perform a specific function |
| <u>g</u> 10. unicellular | e. many-celled |
| <u>e</u> 11. multicellular | f. a group of organs that work together to perform a major function |
| <u>d</u> 12. tissue | g. single-celled |

Cell Structure and Function