

Answer Key: Cilia and Flagella for Cell Movement

1. Cilia and flagella are hair-like structures on the surface of some animal cells, and their primary role is in cell movement.

2. Cilia are typically short and numerous, while flagella are longer and fewer in number on the cell surface.

3. Cilia and flagella contribute to cell movement by moving in coordinated patterns, allowing cells to move through their environments.

4. Cilia and flagella can also function in moving substances over the cell surface, such as mucus in the respiratory tract.

5. False