3:7 Cellular Motility



CILIUM: (cilia) short, hairlike cytoplasmic projections that line the cell membrane

 Found on paramecium, on cells in the inner ear that vibrate and help detect sound, located along respiratory tube

FLAGELLUM: (flagella) a long, hairlike structure that grows out of a cell and enables the cell to move

 Many kinds of protists use flagella to propel themselves, as do human sperm cells

PSEUDOPODIUM: (pseudopodia) a retractable, temporary cytoplasmic extension

that functions in food ingestion and movement in certain amoeboid cells

 A key characteristic of most protozoa