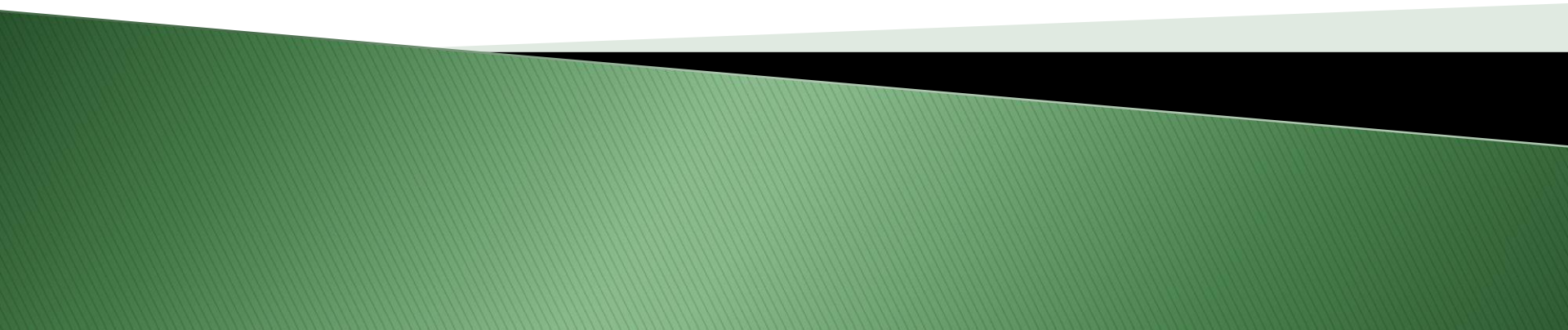


# Moving in on Protozoa

Cell and Organelle Functions

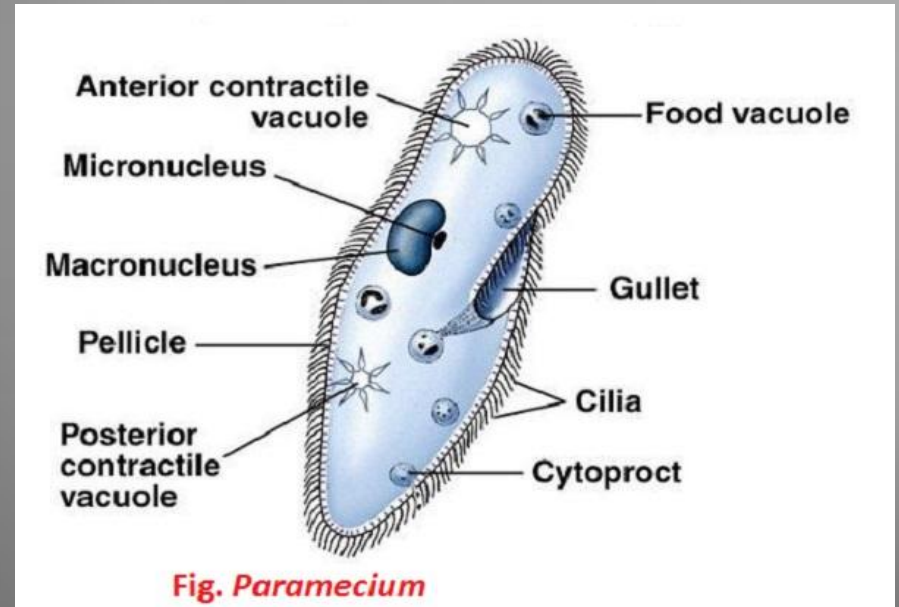


# Objective

- ▶ To observe protozoa and their organelles and describe their extra structure for movement

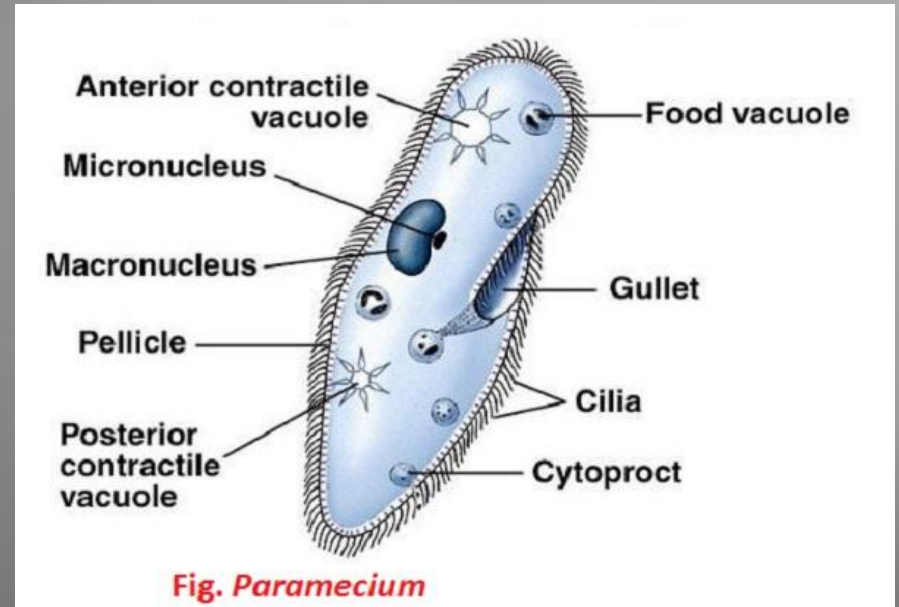
# Research

- ▶ Paramecium – a small one celled (unicellular) living organism that can move, digest food, and reproduce.



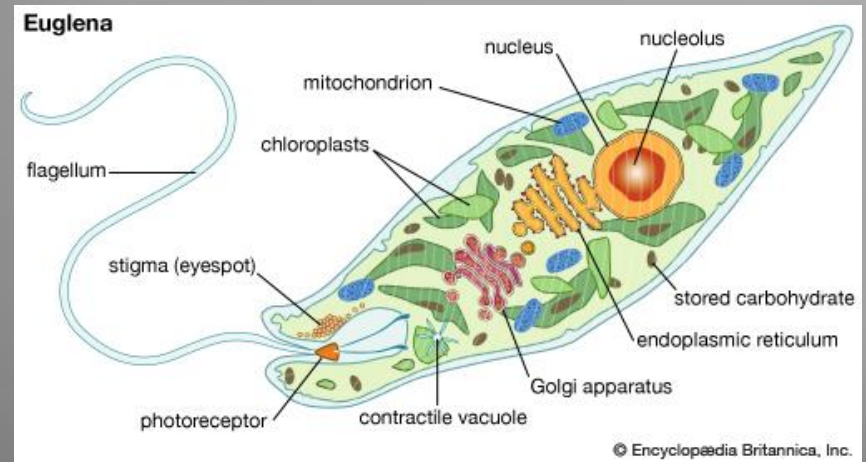
# Research

- ▶ Cilia – hair like organelles, that line the surfaces of certain cells and beat in rhythmic waves, providing movement



# Research

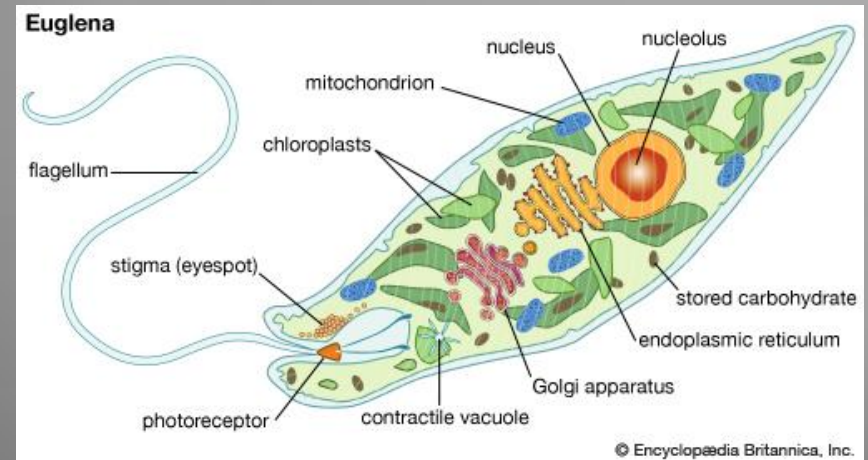
- ▶ Euglena – live in fresh water, have a cylindrical or sausage-like shape, and move by means of a flagellum. Euglenas contain chloroplasts and can produce their own food by photosynthesis.





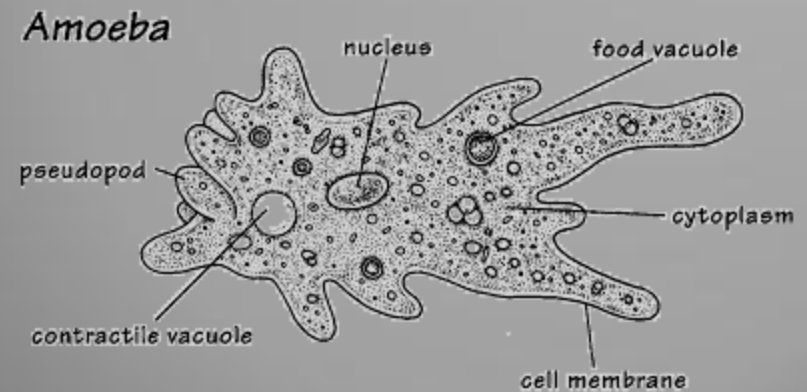
# Research

- Flagella – a slender threadlike structure that enables many protozoans to swim



# Research

- ▶ Amoeba – a single-celled animal that catches food and moves about by extending fingerlike projections of protoplasm. Amoebas are either free-living in damp environments



# Research

- ▶ Pseudopodia – a temporary extension of the surface of an amoeboid cell for movement and feeding.

