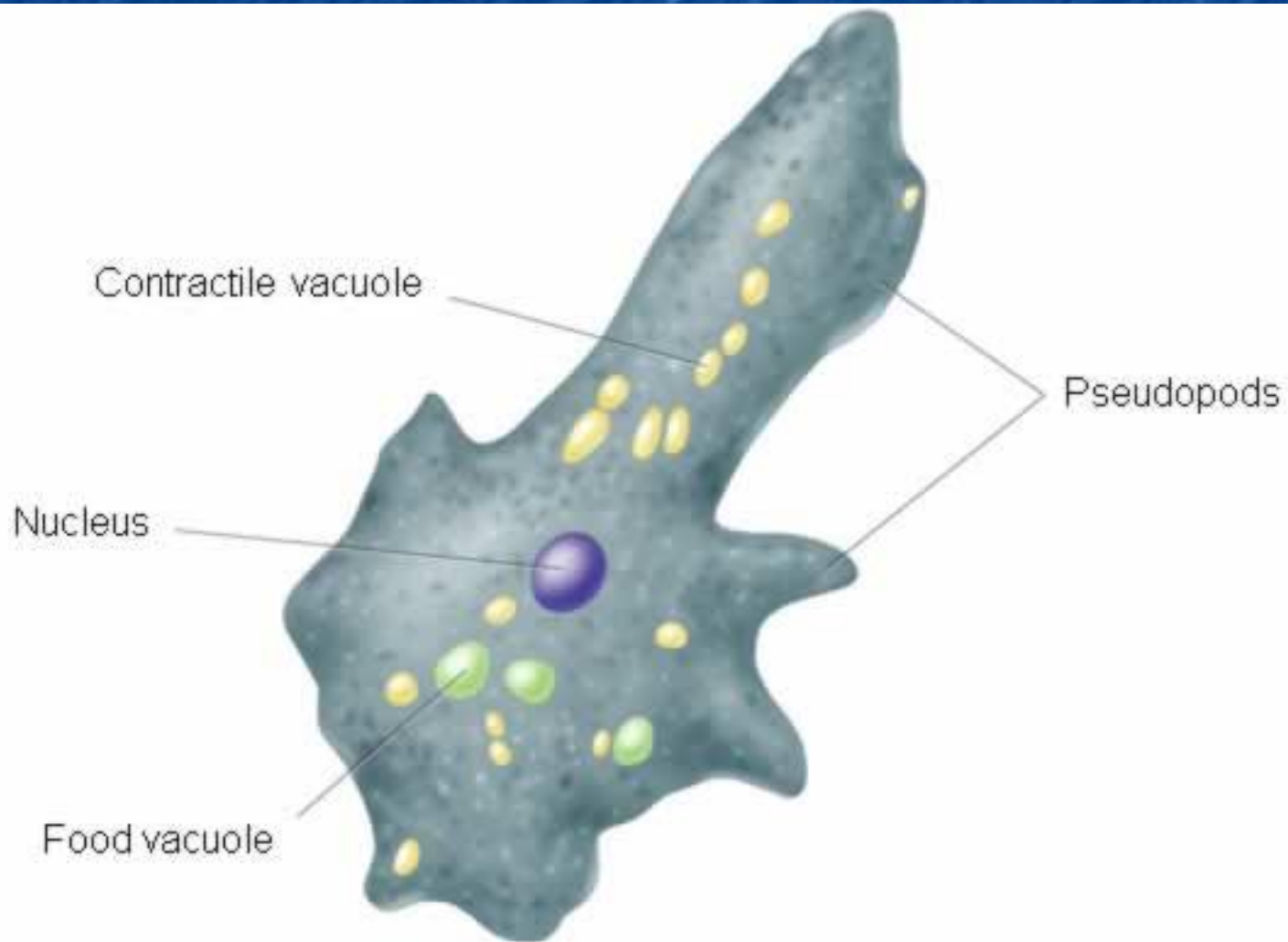


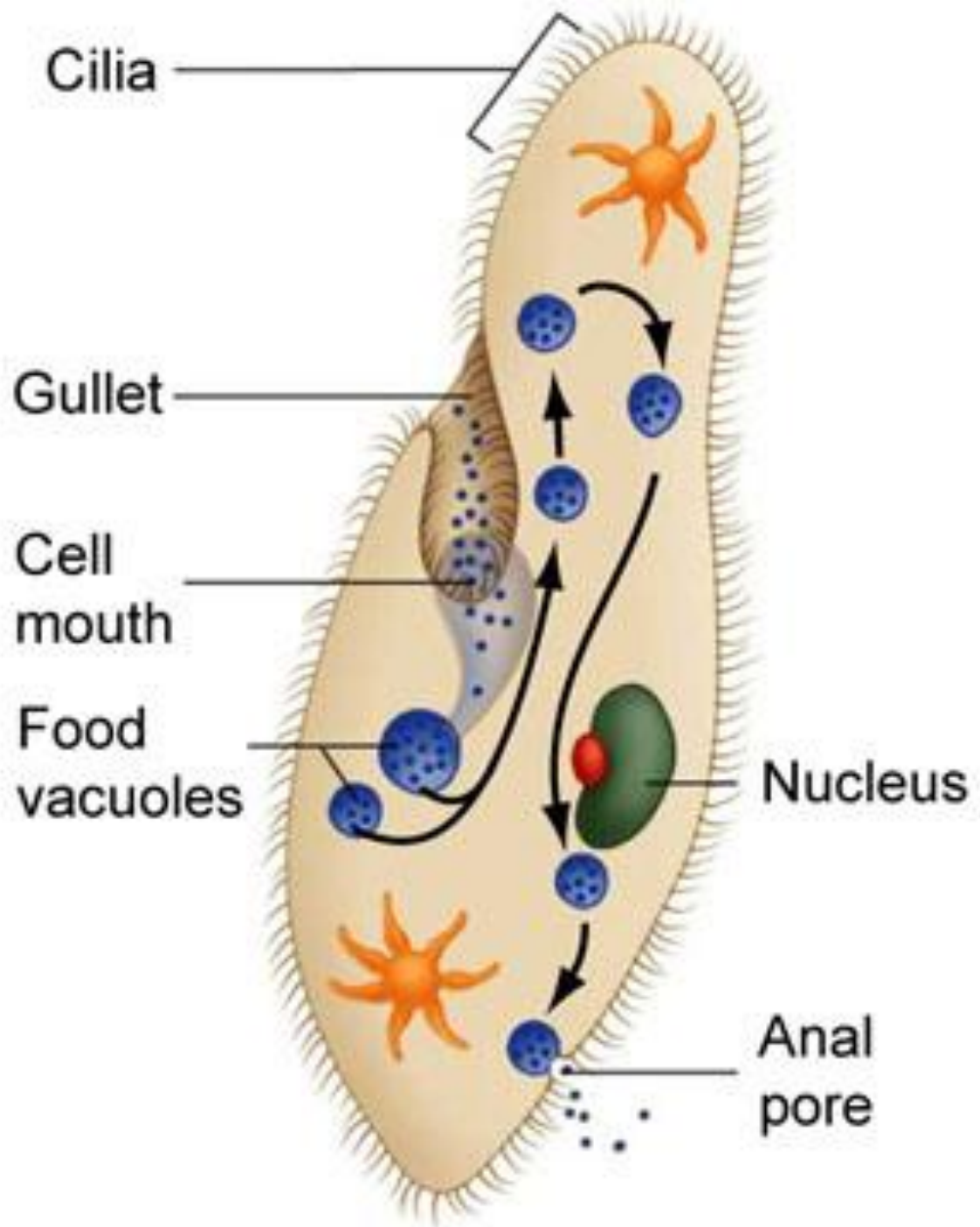
Protists Diagrams & their Organelles

Objective 6: I can describe the organelles found in Protists

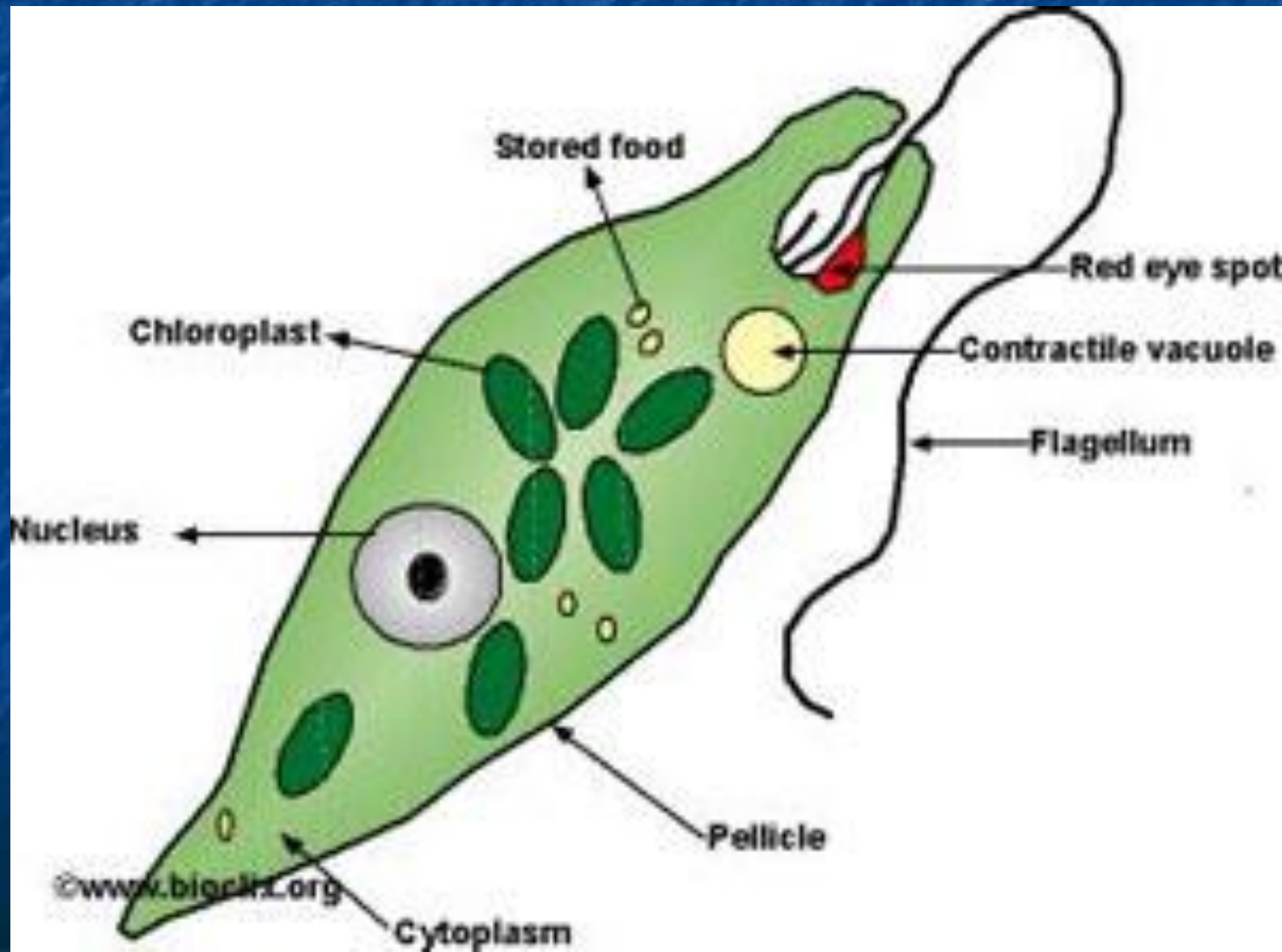
■ Amoeba



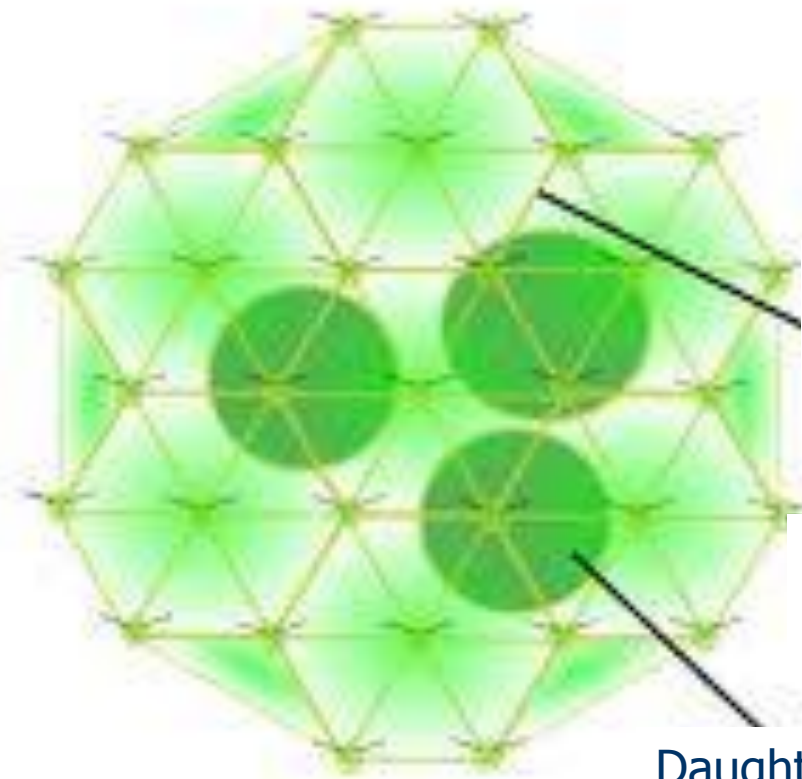
Paramecium



Euglena

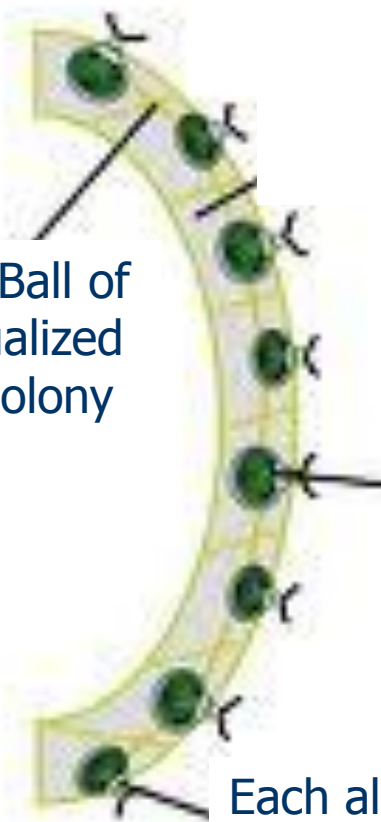


Volvox



Daughter Colony

Hollow Ball of individualized cells - colony



Individual algae cell

Each algae cell has 2 flagellum

Organelles (Tiny Organ): parts of a cell

- Cytoplasm: the gel like substance that **fills the inside of the cell** to allow other organelles to move around
- **Cytoplasmic Streaming**: the movement of cytoplasm inside of the cell which aids in movement
- Contractile Vacuole: a structure that **removes excess water** from the cell
- **Flagella**: long whip like tail used for locomotion (movement)
- **Pellicle**: a thin wall that supports the cell membrane of some protists like euglena and paramecium

Organelles (Tiny Organ): parts of a cell

- Cilia: **short hairs** that move in rhythm and are used for **locomotion** (movement)
- **Pseudopods**: false feet used for locomotion (movement) of amoebae
- **Nucleus**: the **brain** of the cell – where DNA is stored – it controls all processes of the cell
- Chloroplasts: the site where **photosynthesis** occurs – turns sunlight into sugar or food for the cell

Organelles (Tiny Organ): parts of a cell

- Oral Groove: canal of the paramecium used to ingest nutrients.
- Food Vacuole: area where digestion occurs
- Red Eye Spot: helps the euglena to detect light