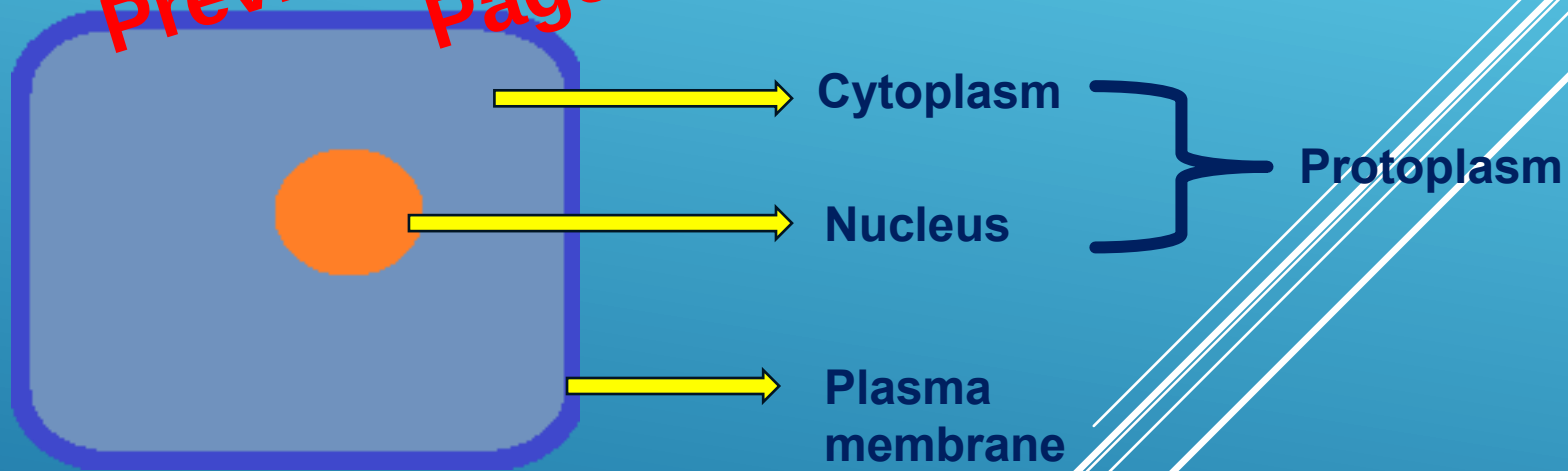


Figure 1: Main parts of a eukaryotic type cell



Cytoskeleton

➡ It consists of an organised network of interconnected protein filaments and microtubules distributed throughout the cytoplasm of the cell. (Figure 2)

Formed by :

➡ **Microtubules:** made up of proteins called tubulins.
(Diameter: 22 a 25 nm)

Microtubules are involved in the transport and movement of vesicles and organelles al interior into cytoplasm. They are also involved in cell division, movement of cilia and flagella.

➡ **Intermediate filaments:** made up of highly resistant fibrous proteins.(Diameter: 8 a 12 nm) Capable of resisting high mechanical stresses.

Figura 4: Cross-section of the plasma membrane

