

Eukaryotic cells



Origins and diversity

Eukaryotic Cell

- Larger than prokaryotic cells
- Contains membrane bound **organelles**
 - Nucleus
 - Mitochondria and chloroplasts
 - Endomembrane system
 - Nuclear membrane
 - Endoplasmic reticulum
 - Golgi apparatus
 - Cell membrane

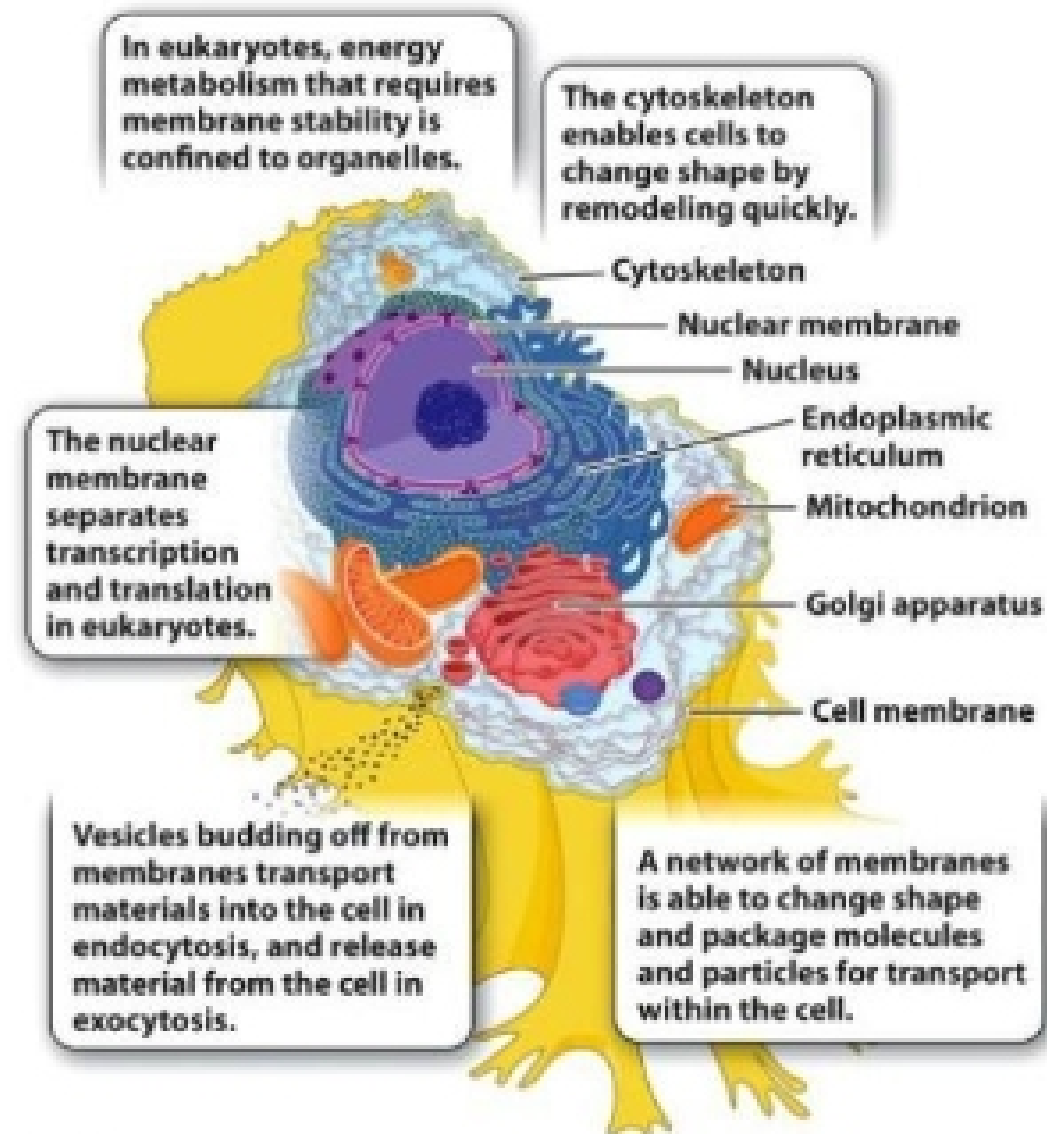


Figure 27.1
Biology: How Life Works
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Eukaryotic Cell

- Cytoskeleton
- Multiple linear chromosomes
- Dynamic Plasma Membrane
- Genetic diversity by means of sexual reproduction
- Life cycles

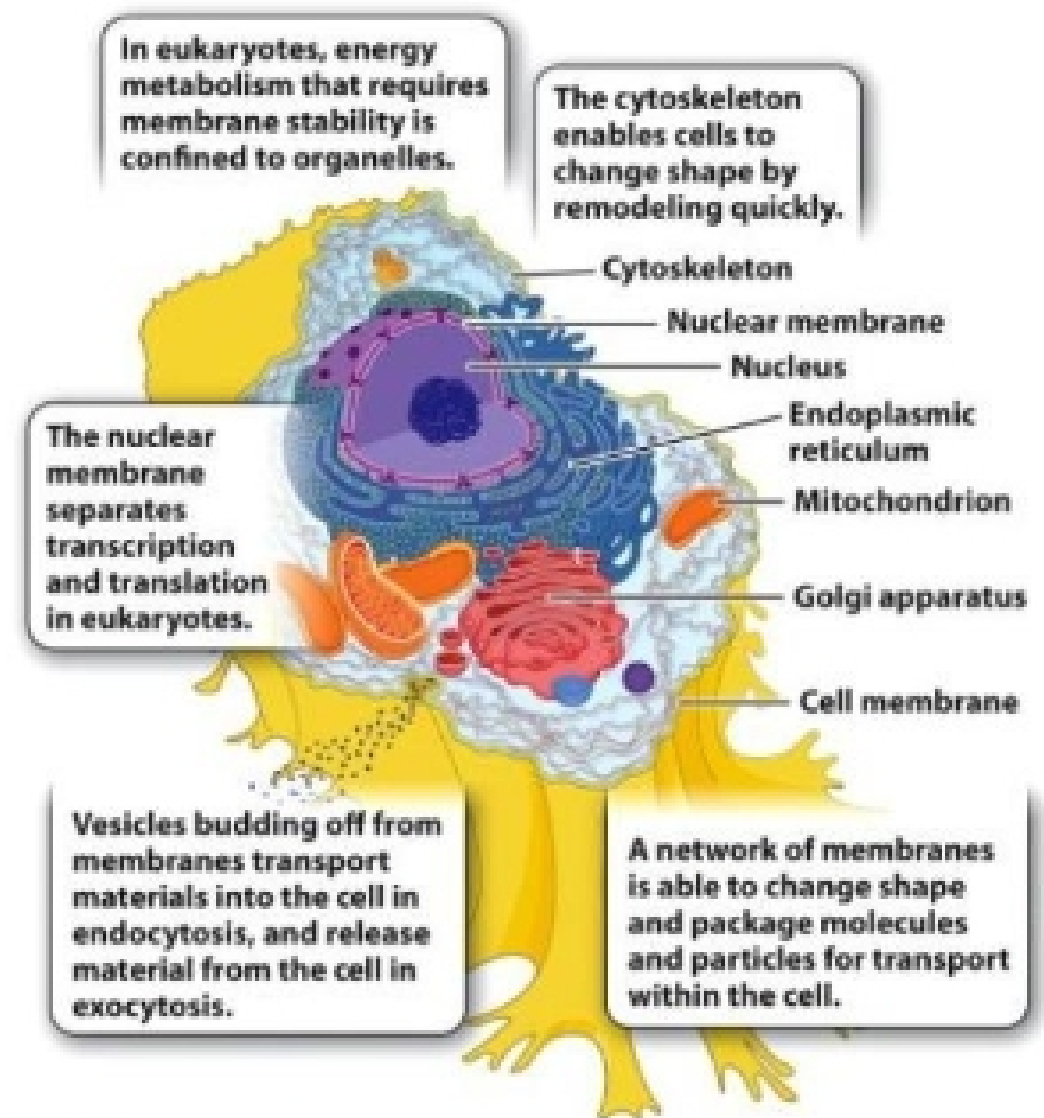


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