

3. Mitochondria in all cells and chloroplasts in plant cells are involved in energy processing.
4. Structural support, movement, and communication between cells are functions of the cytoskeleton, plasma membrane, and cell wall.

-table 4.22

-The internal membranes of eukaryotic cells partition it into compartments.

-Cellular metabolism, the many chemical activities of cells, occurs within organelles.

-fig 4.4a

-Almost all of the organelles and other structures of animals cells are present in plant cells.

-A few exceptions exist.

– Lysosomes and centrioles are not found in plant cells.

– Plant but not animal cells have

– A rigid cell wall,

– Chloroplasts, and

– A central vacuole.

-fig 4.4b

http://www.youtube.com/watch?v=zufaN_aetZl

section five:

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