

**mitochondria**

*Organelles* appearing in all eukaryotic cells which produce ATP as useful energy for the cell by oxidative phosphorylation. The proteins for the adenosine 5'-triphosphate (ATP)-generating electron transport of the respiration chain are located in the inner mitochondrial membrane. Mitochondria contain many *enzymes* of the citric acid cycle and for fatty acid  $\beta$ -oxidation. Many of them are coded for by nuclear DNA.

1992, 64, 160; 1993, 65, 2071