

A schematic diagram of a cell. It features a large, irregularly shaped outer boundary representing the cell membrane. Inside, there is a large, roughly circular nucleus with a darker, textured interior. Surrounding the nucleus are various organelles, including several small, oval-shaped mitochondria with internal folds (cristae), and several small, circular vesicles or lysosomes. The cytoplasm is filled with a fine, granular texture representing the cytoskeleton or other cellular components.