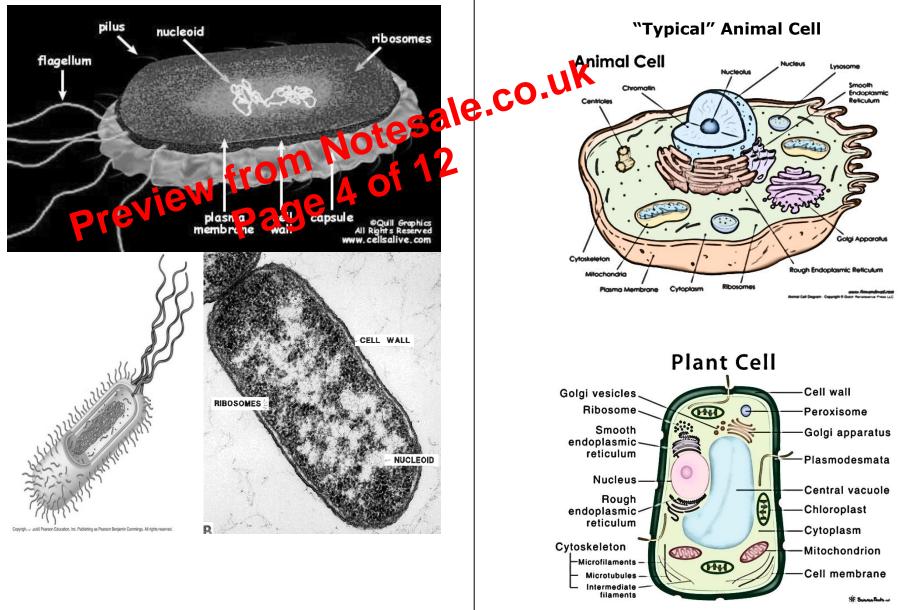
Prokaryotic cells do NOT have:

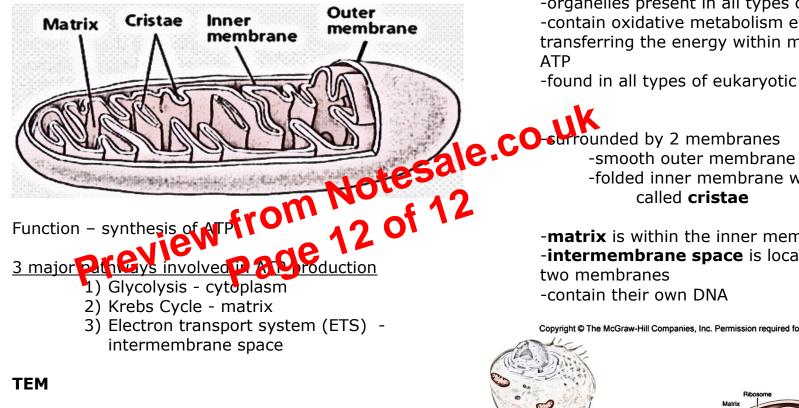
- Nucleus
- Membrane bound organelles

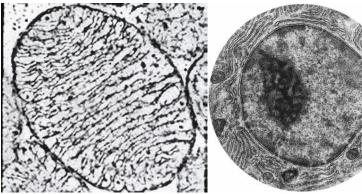
- EUKARYOTIC

Contain <u>organelles</u> surrounded by membranes Most living organisms



Handout Layout by: Gomez, BSN1A





Mitochondria

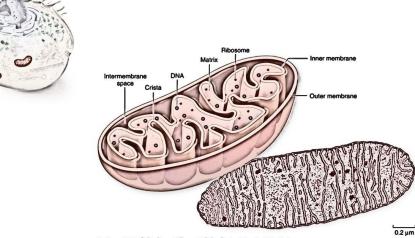
-organelles present in all types of eukaryotic cells -contain oxidative metabolism enzymes for transferring the energy within macromolecules to ATP

-found in all types of eukaryotic cells

-folded inner membrane with layers

-matrix is within the inner membrane -intermembrane space is located between the

Copyright C The McGraw-Hill Companies, Inc. Permission required for reproduction or display.



(bottom right): O Dr. Donald Fawcett & Dr. Porter/Visuals Unlimited

END.