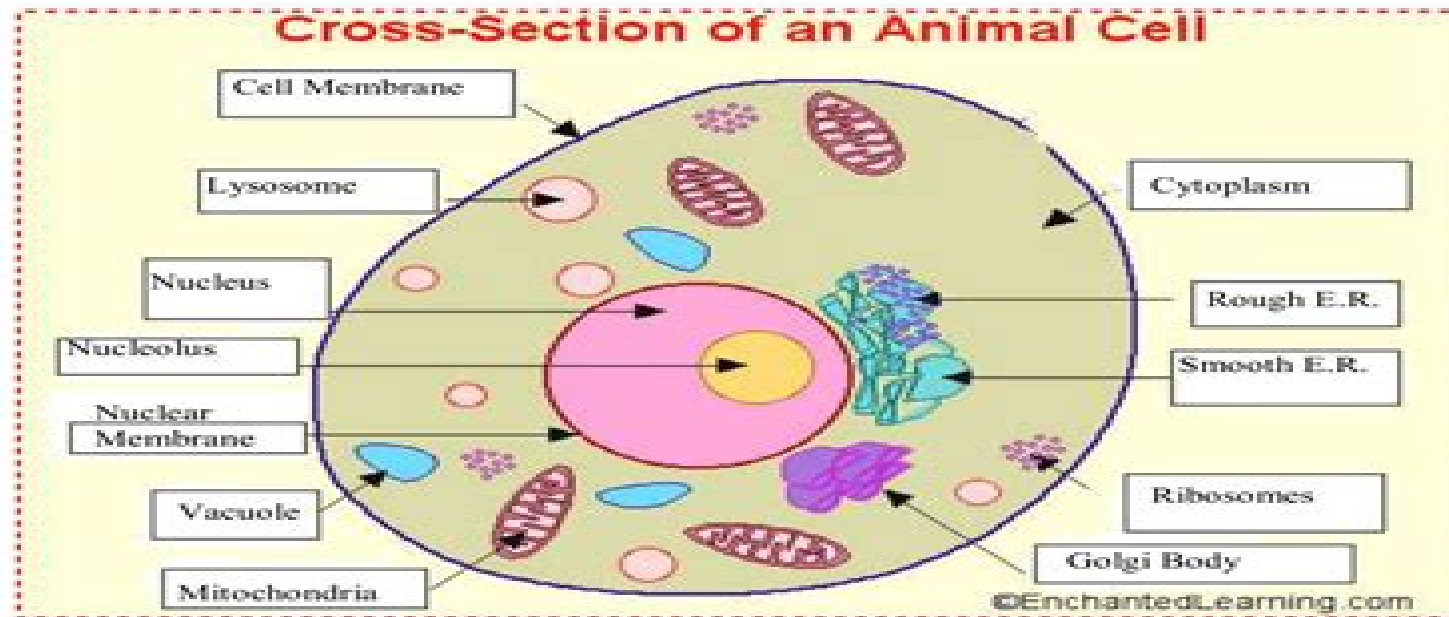


PLANT AND ANIMAL CELLS



<u>Organelle</u>	<u>Function</u>
Cell Membrane	A double layer that supports and protects the cell. Allows materials in and out.
Lysosome	Contains digestive enzymes that destroy damaged organelles and invaders.
Cytoplasm	Jelly-like fluid that surrounds and protects the organelles.
Nucleus	The control center of the cell. Contains the DNA.
Nuclear Membrane	Surrounds the nucleus.
Nucleolus	A round structure in the nucleus that makes ribosomes.
Vacuole	Stores food and water.
Golgi Body	Processes and packages materials for the cell.
Mitochondria	The "Powerhouse". Breaks down food to produce energy in the form of ATP.
Rough E.R.	Builds and transports substances through the cell. Has ribosomes on it.
Smooth E.R.	Builds and transports substances through the cell. Does not have ribosomes.
Ribosome	Helps make protein for the cell.

Cell Structure Guide

Andrew Wilson



Cell Structure Guide:

Photovoltaics Technical Information Guide ,1985 **Cells, Teacher's Guide** , Study Guide to Cell Biology Cybellium ,2024-10-26 Designed for professionals students and enthusiasts alike our comprehensive books empower you to stay ahead in a rapidly evolving digital world Expert Insights Our books provide deep actionable insights that bridge the gap between theory and practical application Up to Date Content Stay current with the latest advancements trends and best practices in IT AI Cybersecurity Business Economics and Science Each guide is regularly updated to reflect the newest developments and challenges Comprehensive Coverage Whether you re a beginner or an advanced learner Cybellium books cover a wide range of topics from foundational principles to specialized knowledge tailored to your level of expertise Become part of a global network of learners and professionals who trust Cybellium to guide their educational journey www.cybellium.com

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