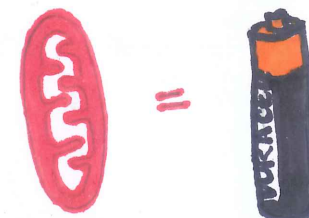


HOLDS THE CELL TOGETHER  
AND CONTROLS WHAT ENTERS  
AND LEAVES THE CELL

YOU SHALL NOT  
PASS!  
HOW RUDE!

JELLY-LIKE MIXTURE CONTAINING  
STRUCTURES  
(ORGANELLES)  
WHERE CELL  
REACTIONS  
OCCUR

WHERE ENERGY FROM  
FOOD IS RELEASED  
THROUGH A PROCESS  
CALLED RESPIRATION



PACKAGES CONTAINING  
WASTES OR  
PROTEINS THAT  
ARE TAKEN IN OR  
OUT OF THE CELL

WHERE PROTEINS ARE  
MANUFACTURED FOR  
GROWTH & REPAIR

CONTROLS  
ALL THE  
CHEMICAL REACTIONS  
IN THE CELL AND  
CONTAINS THE  
INSTRUCTION CODE  
FOR LIFE - DNA .

FORMS A PATHWAY THAT  
ALLOWS MATERIALS TO  
MOVE QUICKLY AND  
EASILY THROUGH A  
CELL.  
SOMETIMES THE E.R.  
HAS RIBOSOMES ATTACHED  
TO IT.

## CELL STRUCTURES AND FUNCTIONS

CELL MEMBRANE

CYTOPLASM

MITOCHONDRION

VACUOLE

RIBOSOME

NUCLEUS

ENDOPLASMIC  
RETICULUM

CHLOROPLASTS &  
CELL WALL

PLANT CELL

TRAPS SUNLIGHT  
TO MAKE FOOD FOR  
PHOTOSYNTHESIS

HELPS TO GIVE THE  
CELL SHAPE & STABILITY