

# Understanding Cancer

**A SERIES OF SIMPLE EDUCATIONAL VIDEOS  
FOR THE GENERAL PUBLIC**



***By Dr Hafsa Waseela Abbas***

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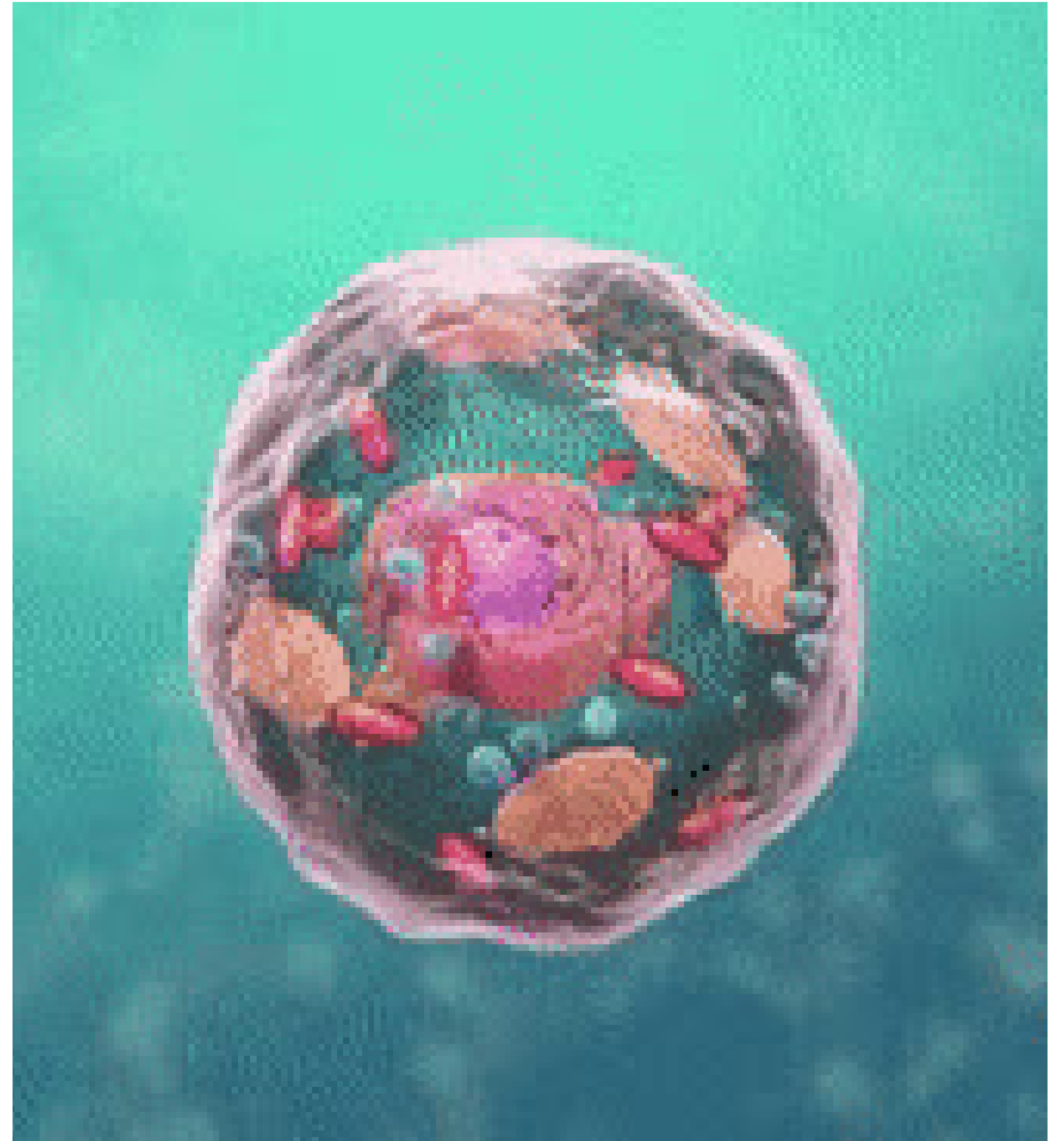
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***Part 1: What is a cell?***

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Living organisms are  
made up of millions of  
building block units  
called cells.



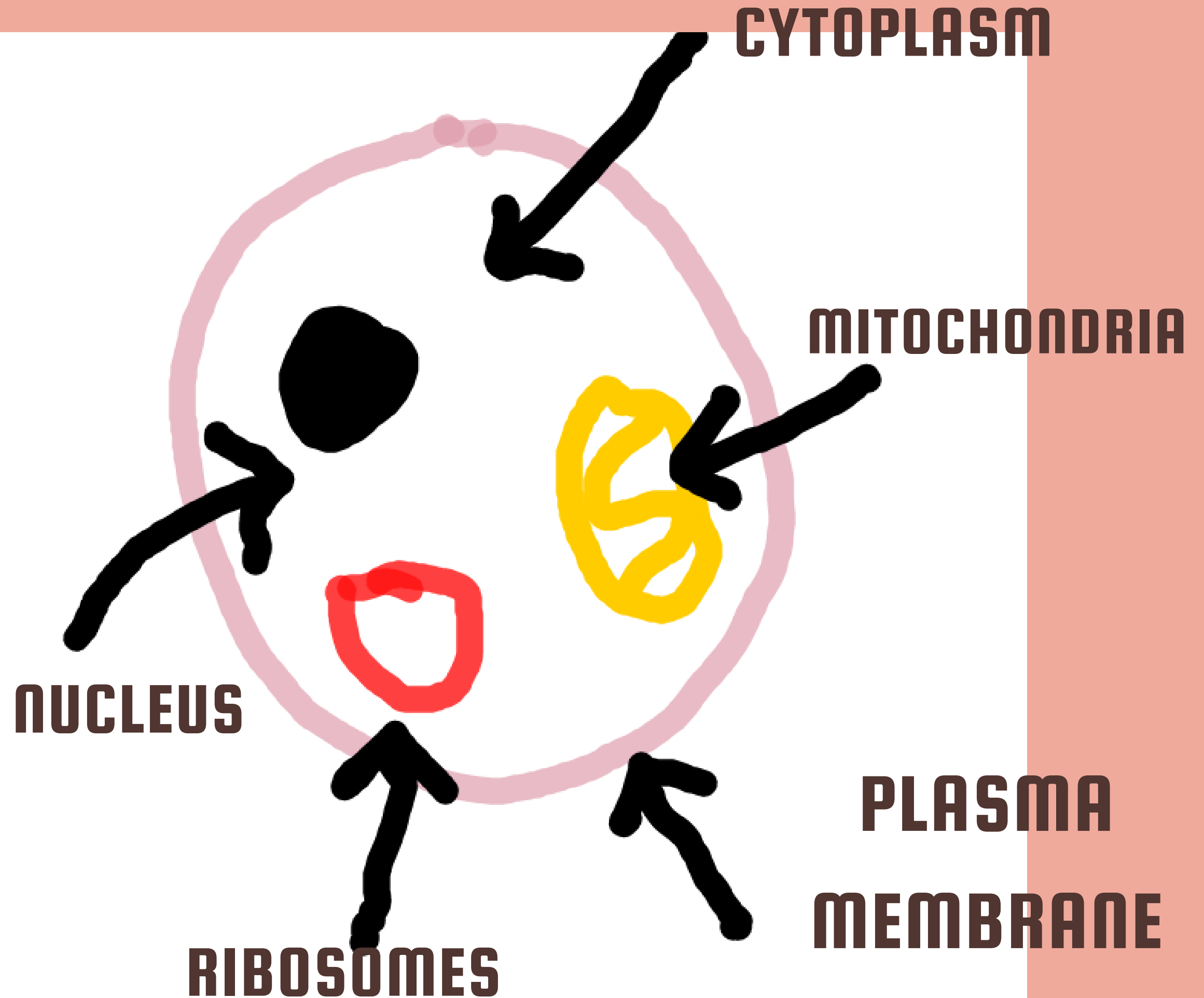


They cannot be seen  
under a naked eye and  
require a microscope  
to see them.





A PART OF THE CELL IS  
CALLED AN  
ORGANELLE AND  
EACH PROVIDES US  
WITH A SPECIAL  
FUNCTION.  
TOGETHER, THEY  
ALLOW US TO GROW  
AND PERFORM LIFE  
PROCESSES.



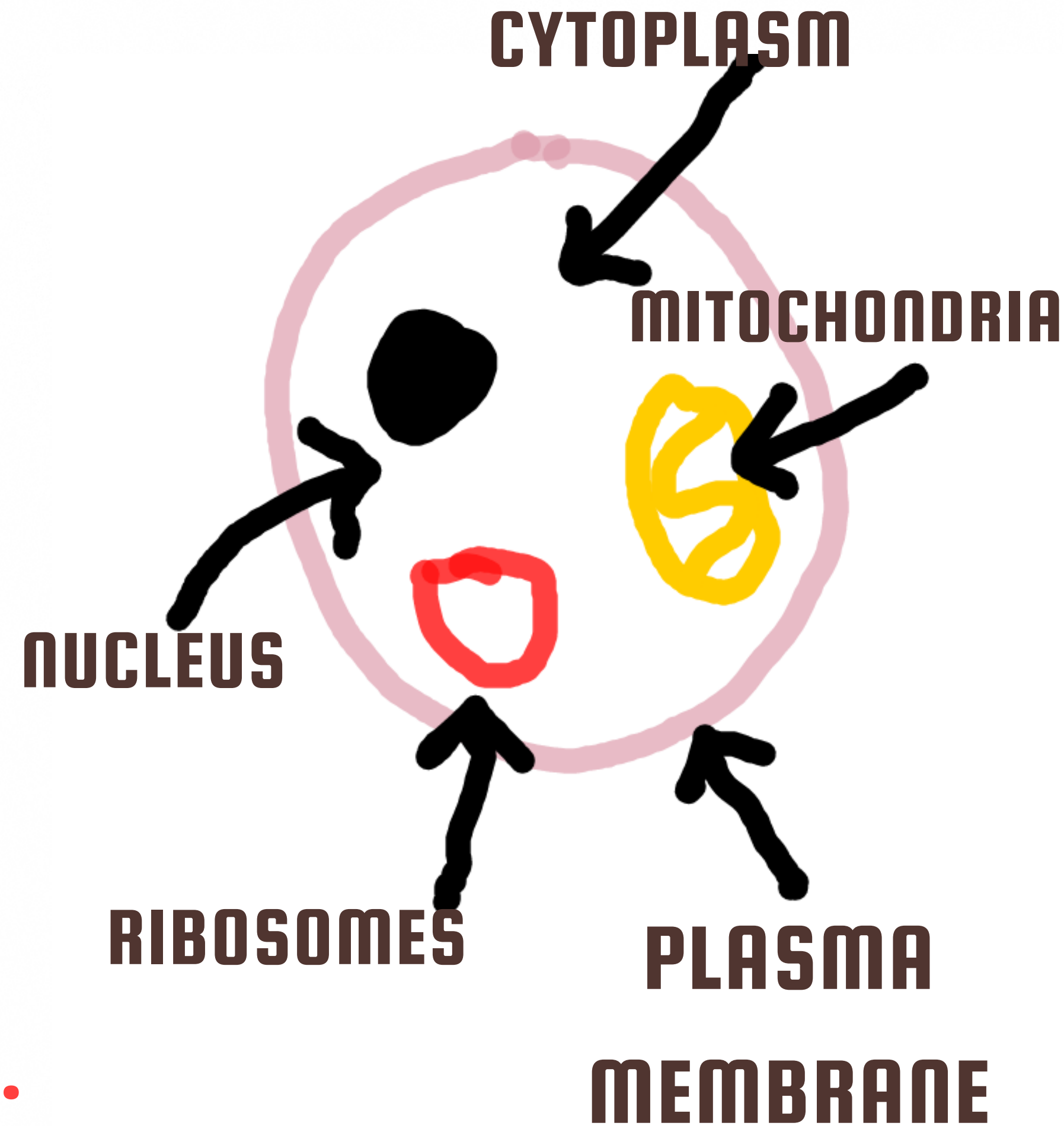
**Nucleus controls the cell.  
It has genetic information  
as DNA.**

**Mitochondria make  
energy from food.**

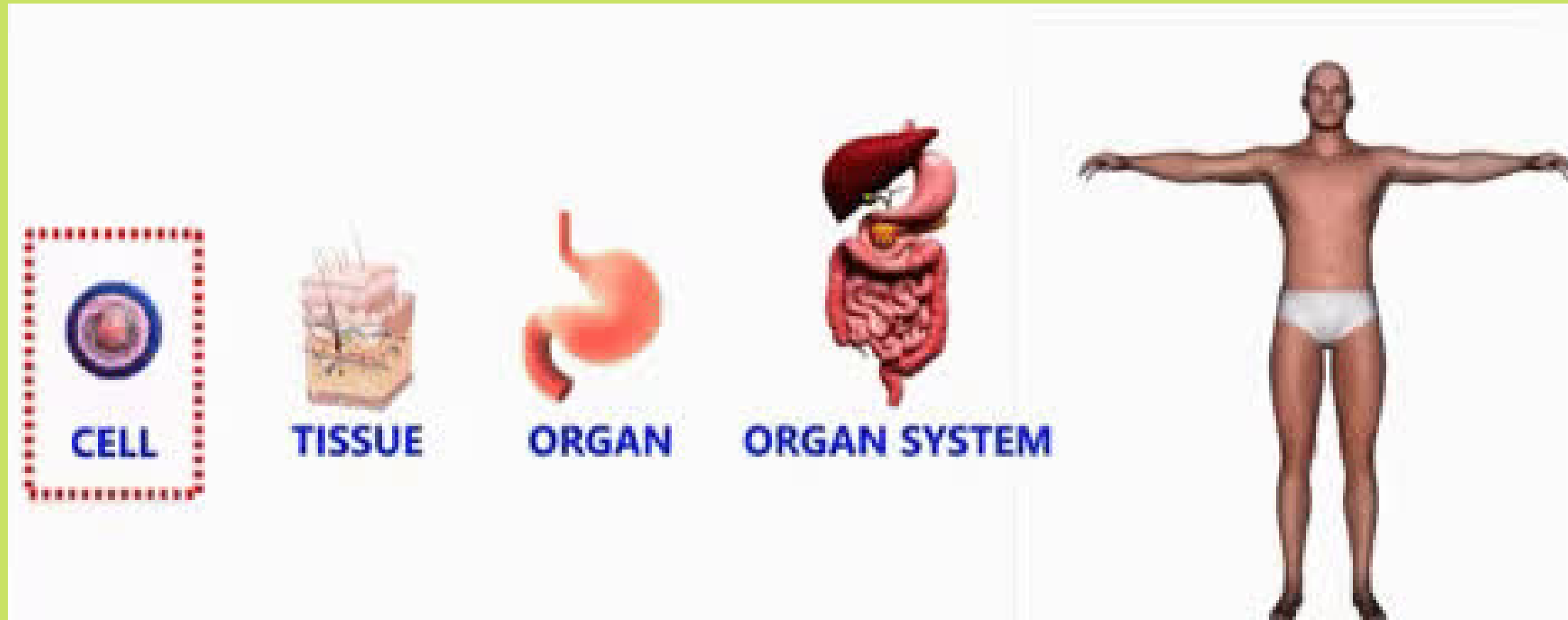
**Plasma membrane controls what  
enters and leaves the cell.**

**Cytoplasm is where chemical  
reactions take place.**

**Ribosomes makes proteins.**







Cells join together to form larger structures. Similar cells form a tissue. Different specialised tissues form an organ. Different organs work together to form an organ system.



When cells become damaged or die, organisms make new cells to replace them. This is called cell division.



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***Part 2: What is a cancer cell?***

**UPCOMING VIDEO RELEASING SOON!!**

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# **Acknowledgements**

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***Thank  
you!***

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