

Eukaryotic Cells

1 2 3 4 5



TT

Chitin

Plants

Animal

Algae: →
→

Fungi: →
→



Lysosomal
Enzymes /
Lysozymes

Eukaryotic Cell Organelles 1

1 2 3 4 5

Nucleus

Rough Endoplasmic Reticulum ()

Smooth Endoplasmic Reticulum ()



Golgi Aparatus

Golgi Vesicle

lysosomes





Eukaryotic Cell Organelles 2

1 2 3 4 5

Mitochondria

Cell Wall

Vacuole



Chloroplast

Ribosome





TT

Specialised
Cells

Specialised
Cell

Tissue

Organ

Organ System

Eukaryotic Cells

Cell Organisation

_____ : →
 →

Specialised Cell

Tissue

Organ

Organ System

1

2

3

4

5



Transcription

1



2

3

Translation

4

5

Exocytosis

6

7

Production & Secretion of Proteins

1

2

3

4

5



Prokaryotic Cell Structure

1 2 3 4 5

Loop of DNA



Cytoplasm



Small Ribosomes



Cell membrane



Capsule



Cell Wall



Plasmids



Flagella





Prokaryotes Vs Eukaryotes

1 2 3 4 5

Prokaryotes		Eukaryotes	
→		→	
①		①	
②		②	
③		③	
④		④	
⑤		⑤	
⑥		⑥	



Viruses

1 2 3 4 5



Reproduction:

