

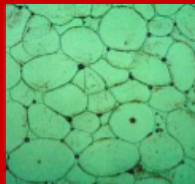


*Ding Ding!!*

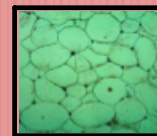
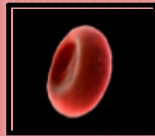
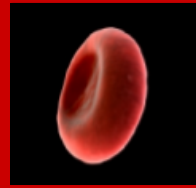
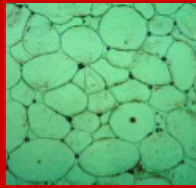


## Prokaryotic VS. Eukaryotic

Can you figure out which pictures share something in common?



Can you figure out which pictures share something in common?



## Cell Diversity

Even though there are millions and millions of cells...

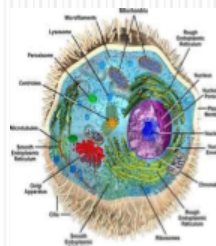
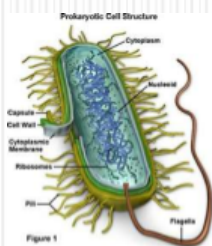
There are



main types of cells

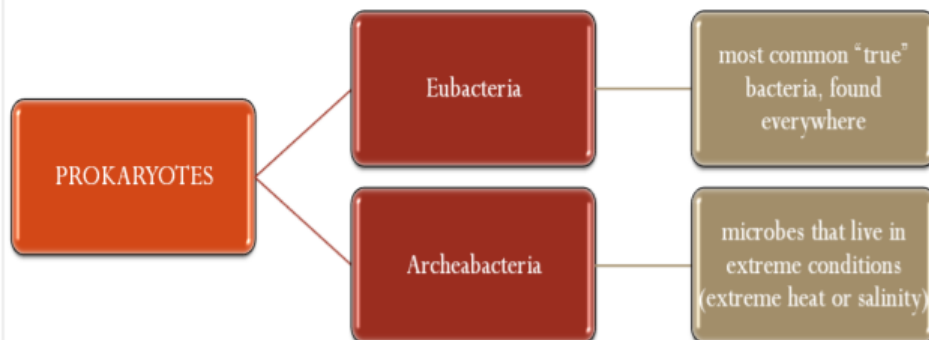
### Prokaryotic

### Eukaryotic



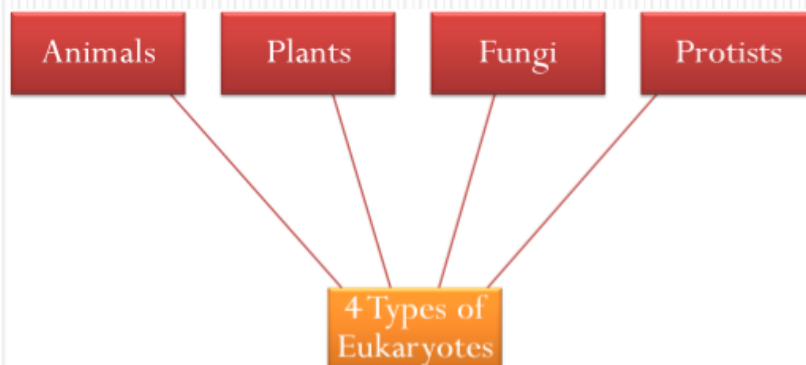
# Prokaryotes

- 1<sup>st</sup> living organism (evolutionarily oldest & less sophisticated)
- Single-celled
- Contains DNA but does **not** have a nucleus
- No membrane-bound organelles (internal structures)
- All prokaryotic cells are bacteria






# Eukaryotes

- Single OR multi-cellular organisms
- Contains a nucleus
- DNA (in chromosome form) is located in the nucleus
- Contains membrane-bound organelles (internal structures)



# Let's Get Ready to Rumble!



**Round 1...**

Edit

Q.1

?




What main difference between a PROKRAYOTE and a EUKARYOTE?

A Lack of flagella and cillia

C It is round and flat

B This is not the answer ;)

D Lack of a nucleus and membrane-bound organelles

**Round 1...**

Edit

Q.2

?




What are the 2 types of prokaryotes?

A Archeabacteria & Eubacteria

C Fungi & Bacteria

B Mold & Ecoli

D Arachnophobia & Eugene

**Round 1...**

Edit

Q.3

?




Where would you find DNA in a eukaryotic cell?

A Chloroplast

C Nucleus


B Head

D Heart

**Round 1...**

Edit

Q.4



What is the 4th type of eukaryote?  
Fungi, Plants, Animals & \_\_\_\_\_

A Protists

C Popcorn

B Prototypes

D Pringles



This cell contains DNA found inside a nucleus, and it has a plasma membrane and a cell wall.