

CELLS & VIRUSES

PROKARYOTES and EUKARYOTES

CELLS!

All organisms consist of
cells.

All cells come from
preexisting cells.

Cells are the most basic
unit of life.

EUKARYOTES have a **NUCLEUS**
While **PROKARYOTES** don't have
one.

Eukaryotic and Prokaryotic are the
two types of

CELLS

CELLS

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CELLS

CELLS

Both types of **CELLS** have
DNA

They both have a **CELL**
MEMBRANE

And they both have
PROTEIN MAKING
RIBOSOMES.

But the main difference
between the cells
is Eukaryotes have
**MEMBRANE BOUND
ORGANELLES**
and Prokaryotic cells have
none.

CELLS

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Pro means NO
no-no-nucleus
Pro means no
membrane bound organelles

**Eu means do
Do have a nucleus
Eu means do
Have membrane bound organelles.**

**A virus is not living
It can't survive without host**

**And even though it has genetic
material**

It's still not a CELL.

CELLS

CELLS

CELLS

CELLS

**Bacteria is a PROKARYOTIC
CELL**

Plants and Animals have
EUKARYOTIC CELLS

Viruses are not even cells.

