

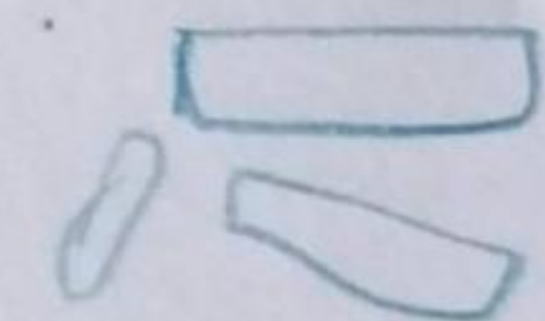
Prokaryotic Cells

⇒ [Bacteria, Blue-green algae, Mycoplasma, PPLO]
 [pleuro pneumonia like organisms]

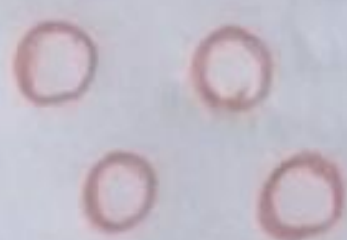
Typical Bacteria (1-2 μ m)
 PPLO (0.1 μ m)
 (Virus (0.02-0.2 μ m))

$P_{cells} < E_{cell}$ [size] 10-20 μ m
 $P_{cells} > E_{cell}$ {multiply more rapidly}

⇒ Greatly in shape & size.



Rod
Bacillus



Spherical
Coccus



Comma
Vibrio



Spiral
Spirillum

⇒ Organisation of cell is fundamentally similar even though prokaryotes exhibit a wide variety of shape & function.

