

# Week 2 Concepts: Classification and Nutrition

## Prokaryotic vs Eukaryotic Cells

### Prepare: Prokaryotic vs Eukaryotic Cells

The cellular structures found in prokaryotes are (select all that apply)

- Capsules
- Golgi complex
- Ribosomes
- Mitochondria
- Fimbriae

The Gram stain works because of differences in the \_\_\_\_\_ of bacteria.

- cell membranes
- cell walls
- genetic characteristics
- antigens
- capsules

### Prokaryotes include

- bacteria and fungi
- bacteria and archaea
- fungi and algae
- archaea and  
fungi
- bacteria and helminthes

Which of the following structures contribute to pathogenicity of bacteria (select all that apply)

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- 
- Cytoplasm
- Fimbriae
- Nucleus