|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Organelle** | **Structure (Illustrate)** | **Function** | **Prokaryote, Eukaryote or Both?** | **If Eukaryote, Plant, Animal, or Both?** | **If Eukaryote, part of endomembrane system?** | **Membrane Bound?** | **“Bad Habits” associated with this organelle** |
| Nucleus |  |  |  |  |  |  |  |
| Nucleolus |  |  |  |  |  |  |  |
| Nucleoid |  |  |  |  |  |  |  |
| Endoplasmic Reticulum (smooth and rough) |  |  |  |  |  |  |  |
| Golgi Apparatus |  |  |  |  |  |  |  |
| Ribosomes |  |  |  |  |  |  |  |
| Vacuole |  |  |  |  |  |  |  |
| Lysosome |  |  |  |  |  |  |  |
| Perroxisome |  |  |  |  |  |  |  |
| Mitochondria |  |  |  |  |  |  |  |
| Chloroplast |  |  |  |  |  |  |  |
| **Organelle** | **Structure (Illustrate)** | **Function** | **Prokaryote, Eukaryote or Both?** | **If Eukaryote, Plant, Animal, or Both?** | **If Eukaryote, part of endomembrane system?** | **Membrane Bound?** | **“Bad Habits” associated with this organelle** |
| Endospore |  |  |  |  |  |  |  |
| Cell (Plasma) membrane |  |  |  |  |  |  |  |
| Cell Wall |  |  |  |  |  |  |  |
| Cytoplasm/Cytosol |  |  |  |  |  |  |  |
| Cytoskeleton |  |  |  |  |  |  |  |
| Centrioles |  |  |  |  |  |  |  |
| Centrosome |  |  |  |  |  |  |  |
| Pili, Fimbriae |  |  |  |  |  |  |  |
| Capsule |  |  |  |  |  |  |  |
| Flagella,Cillia |  |  |  |  |  |  |  |