**Cell Structure and Function Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cell Structures and Organelles | Animal/Plant/  Bacteria | Number per Cell  (none, one, many) | Membrane  (single, double, none) | Structure and Parts | Important Functions |
| Nucleus |  |  |  |  |  |
| Ribosome |  |  |  |  |  |
| Rough endoplasmic reticulum |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cell Structures and Organelles | Animal/Plant/  Bacteria | Number per Cell  (none, one, many) | Membrane  (single, double, none) | Structure and Parts | Important Functions |
| Smooth endoplasmic reticulum |  |  |  |  |  |
| Golgi apparatus |  |  |  |  |  |
| Lysosome |  |  |  |  |  |
| Cell Structures and Organelles | Animal/Plant/  Bacteria | Number per Cell  (none, one, many) | Membrane  (single, double, none) | Structure and Parts | Important Functions |
| Vacuole(s) |  |  |  |  |  |
| Amyloplast |  |  |  |  |  |
| Mitochondria |  |  |  |  |  |
| Cell Structures and Organelles | Animal/Plant/  Bacteria | Number per Cell  (none, one, many) | Membrane  (single, double, none) | Structure and Parts | Important Functions |
| Chloroplast |  |  |  |  |  |
| Peroxisome |  |  |  |  |  |
| Cytoskeleton and motor Proteins |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Cell Structures and Organelles | Animal/Plant/  Bacteria | Number per Cell  (none, one, many) | Membrane  (single, double, none) | Structure and Parts | Important Functions |
| Cell wall |  |  |  |  |  |
| Plasma Membrane |  |  |  |  |  |
| Cell junctions |  |  |  |  |  |
| Cell Structures and Organelles | Animal/Plant/  Bacteria | Number per Cell  (none, one, many) | Membrane  (single, double, none) | Structure and Parts | Important Functions |
| Stomata |  |  |  |  |  |
| Extracellular matrix |  |  |  |  |  |