**Notes: Parts of a Eukaryotic Cell Part 2**

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| **Review: The 4 main functions of the cell.** |  |
| **11. Catabolism Organelles and Structures**  **[http://t3.gstatic.com/images?q=tbn:ANd9GcRI3p-DrPVzS8Waqz047-o_t3PyRAi2oZuXwl1g5CE6kncOSg8A7QnFOrlS](http://www.google.com/imgres?imgurl=http://www.edgecontracting.com/sitebuildercontent/sitebuilderpictures/HestedDemo1.jpg&imgrefurl=http://www.edgecontracting.com/id3.html&usg=__o3KHWBzdenIGidkiX_S12tx3Uo0=&h=1704&w=2272&sz=558&hl=en&start=13&sig2=gGlnimiNJ7w2CK1jkC-scw&zoom=1&tbnid=LzHrb2oGiBEnSM:&tbnh=112&tbnw=150&ei=GTh4UOGbGIzW8gSOyYGwAg&prev=/search?q=demolition&um=1&hl=en&gbv=2&tbm=isch&um=1&itbs=1)** |  |
| **12. Energy Processing Organelles and Structures** |  |
| **13. Support/ Communication Organelles and Structures.** |  |
| **14. Cytoskeleton** |  |
| **15. Centrioles** |  |
| **16. Vacuole** |  |
| **17. Cell Wall** | [Anatomy of the Plant Cell](http://micro.magnet.fsu.edu/cells/plants/plantmodel.html) |

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| **Animal/Plant Cell Labeling** | | | |
| 1. Nucleus | 5. Smooth ER | 9. Vacuole | 13. Plasma Membrane |
| 2. Nucleolus | 6. Golgi Apparatus | 10. Mitochondria | 14. Cell Wall |
| 3. Ribosomes | 7. Peroxisome | 11. Chloroplast |  |
| 4. Rough ER | 8. Lysosome | 12. Centrioles |  |