QUICK FACTS ABOUT CELLS

How to distinguish between **Prokaryotic** and **Eukaryotic** Cells?

|  |  |  |
| --- | --- | --- |
| Characteristics | Prokaryotic | Eukaryotic |
| Nucleus | NO | YES |
| Cell Membrane | YES | YES |
| Membrane bound organelles | NO | YES |
| Multicellular | NO, all ways unicellular | YES, but can be unicellular(rarily) |

(From p.17, interactive notebook)

**Cell Transport**

|  |  |
| --- | --- |
| **PASSIVE TRANSPORT** | **ACTIVE TRANSPORT** |
| REQUIRES NO ENERGY | REQUIRES ENERGY |
| H-L CONCENTRATION MOVEMENT | L-H CONCENTRATION MOVEMNT |
| 3 TYPES | 2 TYPES |
| EX. DIFFUSION, OSMOSIS, FACILITATED DIFFUSION | EX. ENDOCYTOSIS, EXCOTYSIS |

(p.43, interactive notebook)