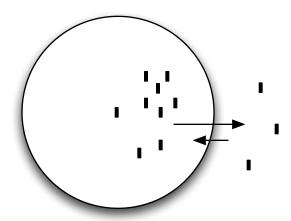
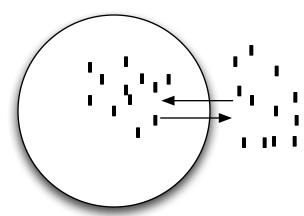


# **Outward Diffusion**

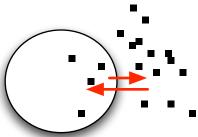


# Inward Diffusion fix this one

# Equilibrium



## **Inward Diffusion**



Although there is movement in both directions across the cell membrane, the net (overall) direction is **High** to **Low** concentration.

Diffusion of water (osmosis) - osmosis is the movement of water from an area of high concentration to an area of lower concentr

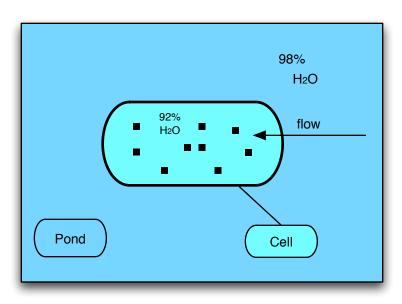
The key to understanding Osmosis is to be able to figure out where the highest concentration of water is. How do we do this?

Simple: just see where the percent of water is the highest. For example, when the solution is pure water (distilled) the concentration is 100%. If anything is mixed with the water then the concentration of water is less than 100%.

## Paramecium



A contractile vacuole is a structure used to pump out water that diffuses in. Without it the paramecium may explode.



**Inward Osmosis**