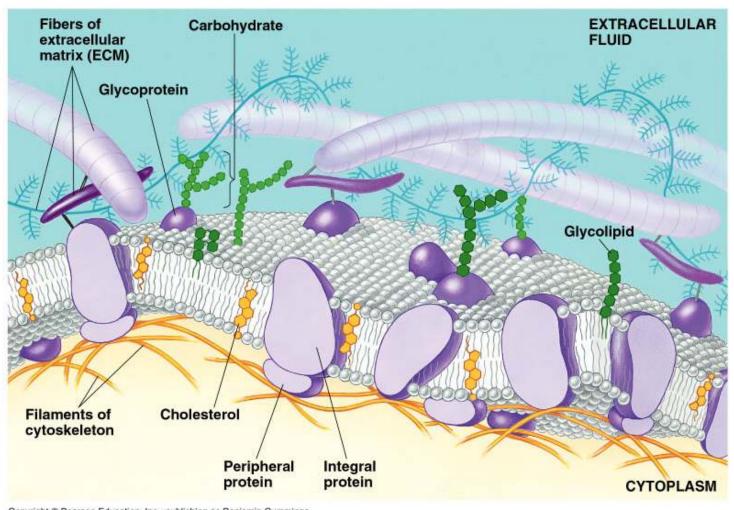
Pre – AP Biology

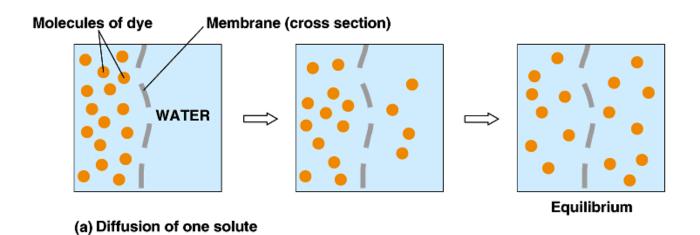
Movement Across Membranes (1.3)

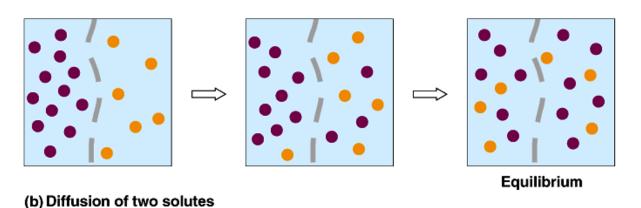
Movement across the membrane Gases go through a wet phospholipid bi-layer. Ions & water go through proteins



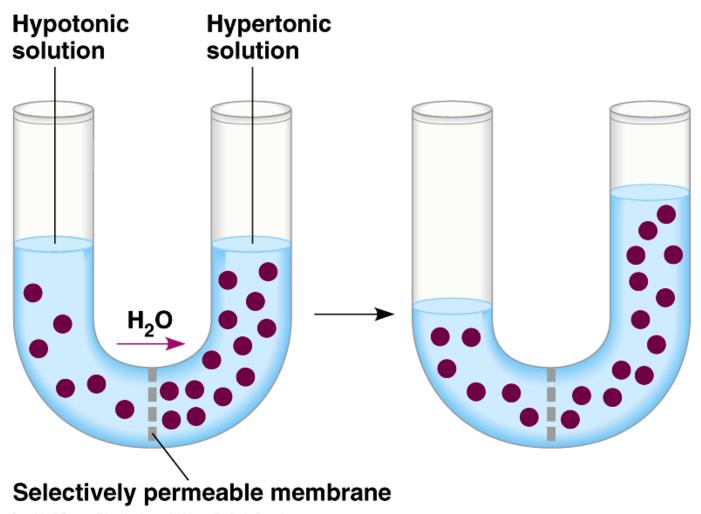
Diffusion

High concentration [] low concentration

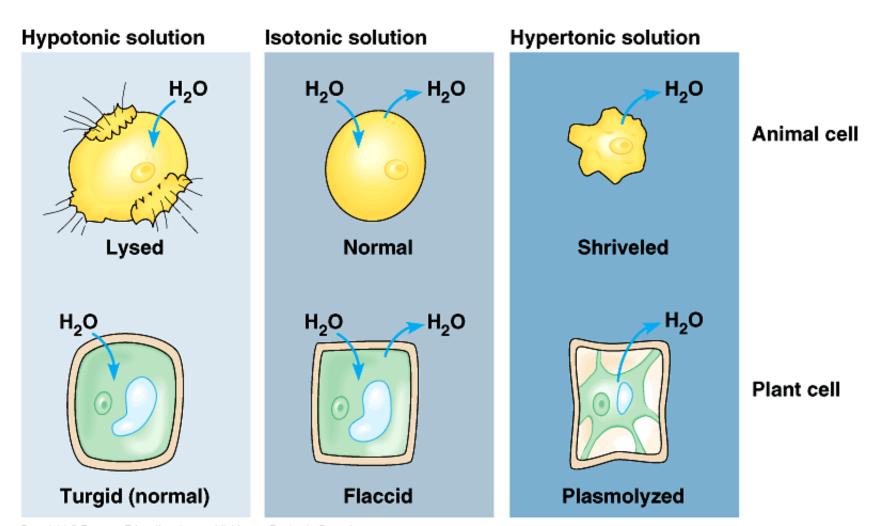




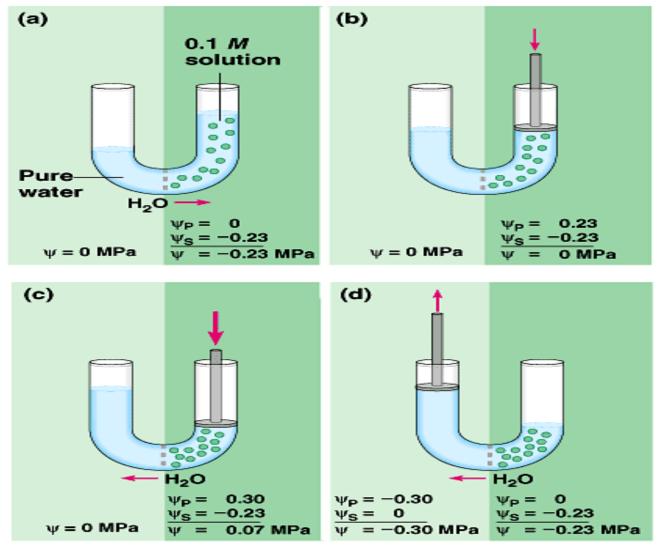
Osmosis Water moves Hypo Hyper



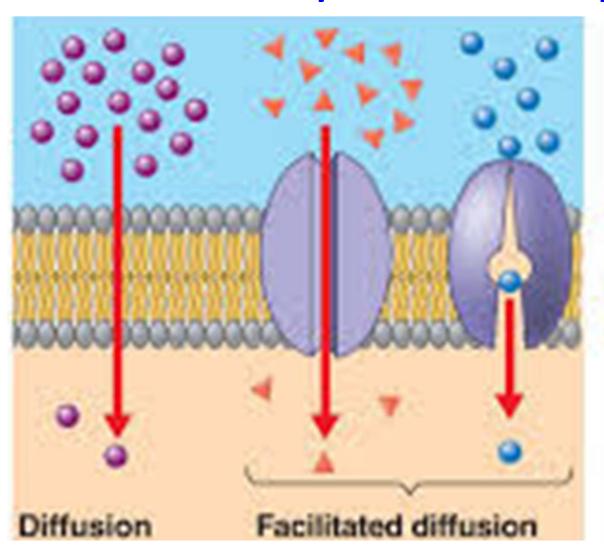
Water movement and cells



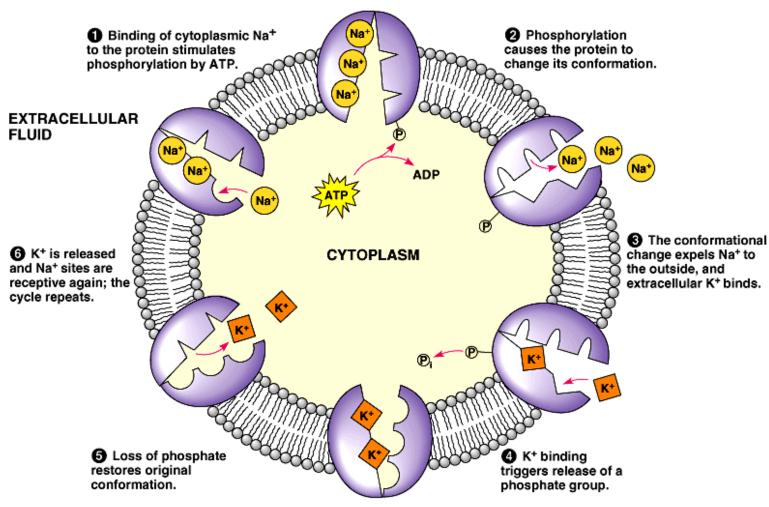
Water Potential (Ψ) High potential low potential



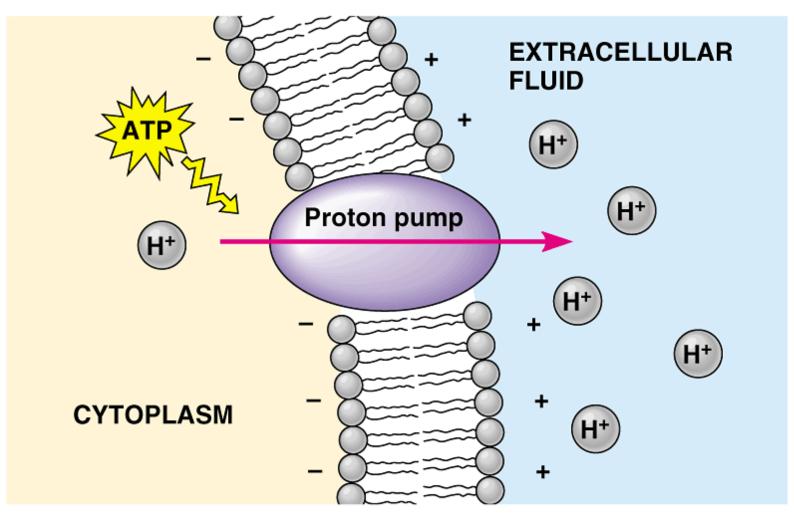
Facilitated diffusion See the use of *protein help?*



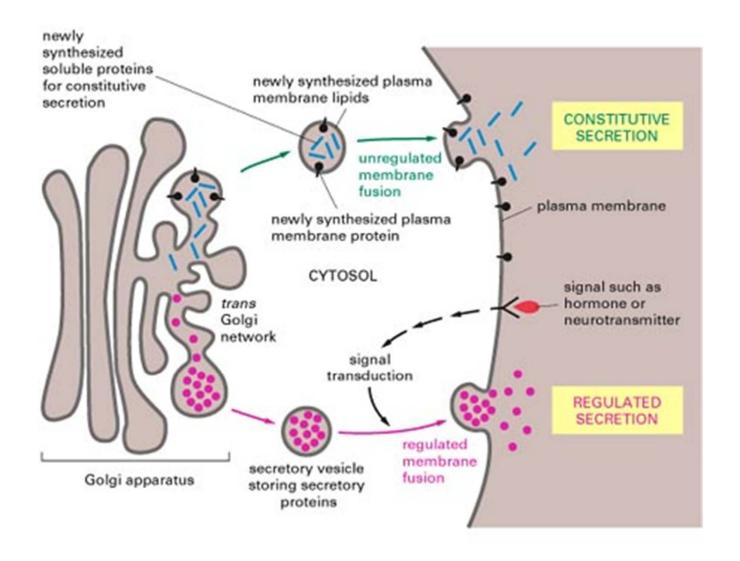
Active Transport using a Na/K pump See the use of ATP(energy molecule)?



Proton pump needing ATP low concentration | high concentration



Exocytosis



Endocytosis Phagocytosis & Pinocytosis

