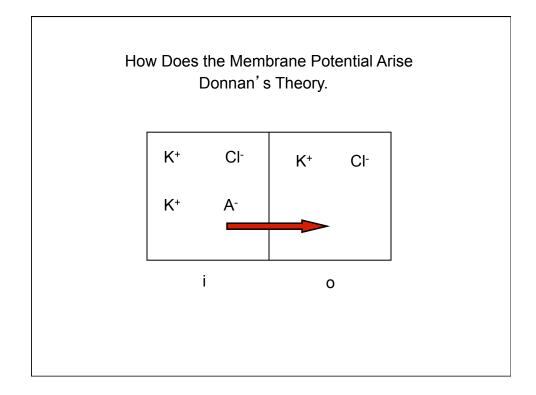
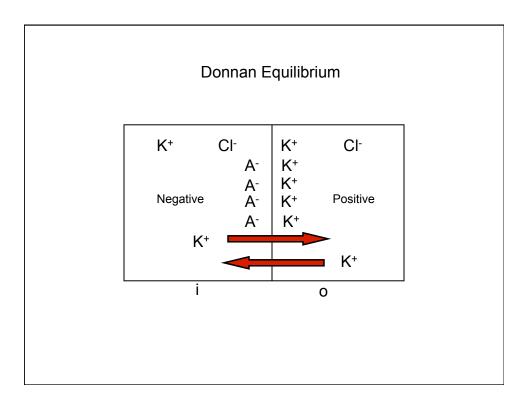
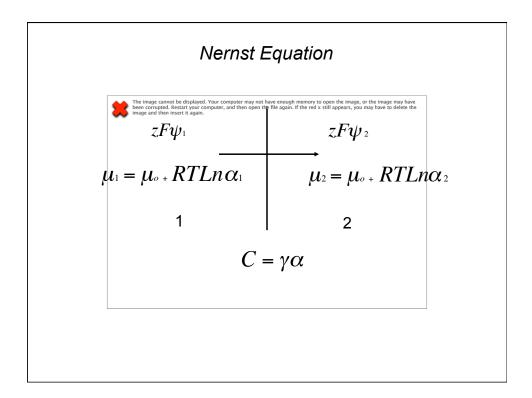


	Ionic concentration (mM)				
	lon	External	Internal	Nernst Potential (mV)	
Frog muscle	K	2.25	124	-101	
	Na	109	10.4	+59	
	CI	77.5	1.5	-99	
Squid axon	К	20	400	-75	
	Na	440	50	+55	
	CI	560	108	-41	







$$\mu_{1} = \mu_{o+} RTLn\alpha_{1} + zF\psi_{1}$$

$$\mu_{2} = \mu_{o+} RTLn\alpha_{2} + zF\psi_{2}$$

At equilibrium $\mu_{1} = \mu_{2}$

