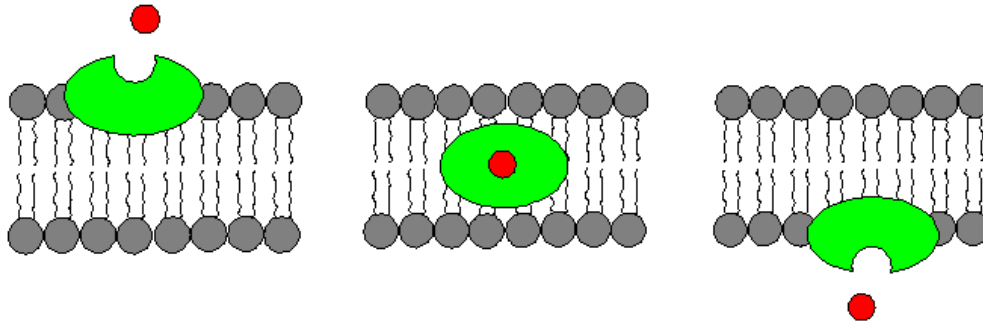
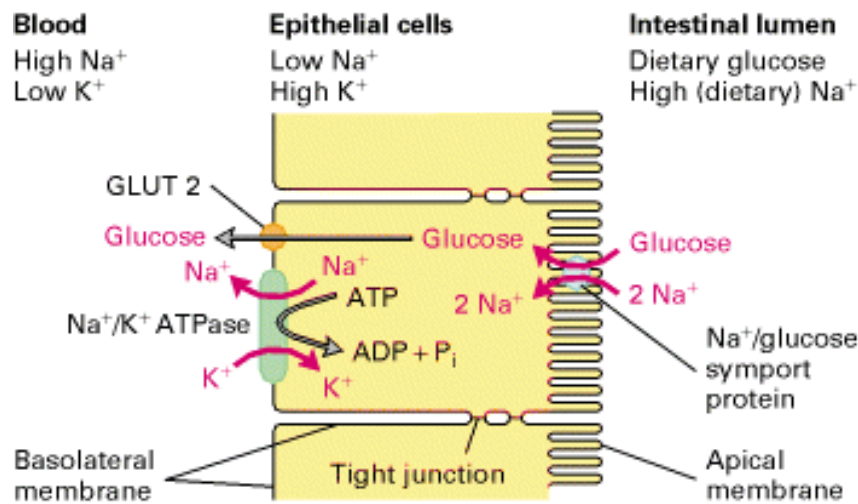


CONCEPT: MEMBRANE TRANSPORT

- Ionophores can transport ions through the membrane, most are toxins



- Transport of nutrients in the intestine shows how sophisticated these systems can get



- Transport kinetics are the same Michaelis-Menten enzyme kinetics
 - K_t is equivalent to K_m , and represents the concentration at which entry is at $\frac{1}{2}$ the maximum
 - k_t is equivalent to k_{cat} , and represents the time it takes for one molecule to be transported

