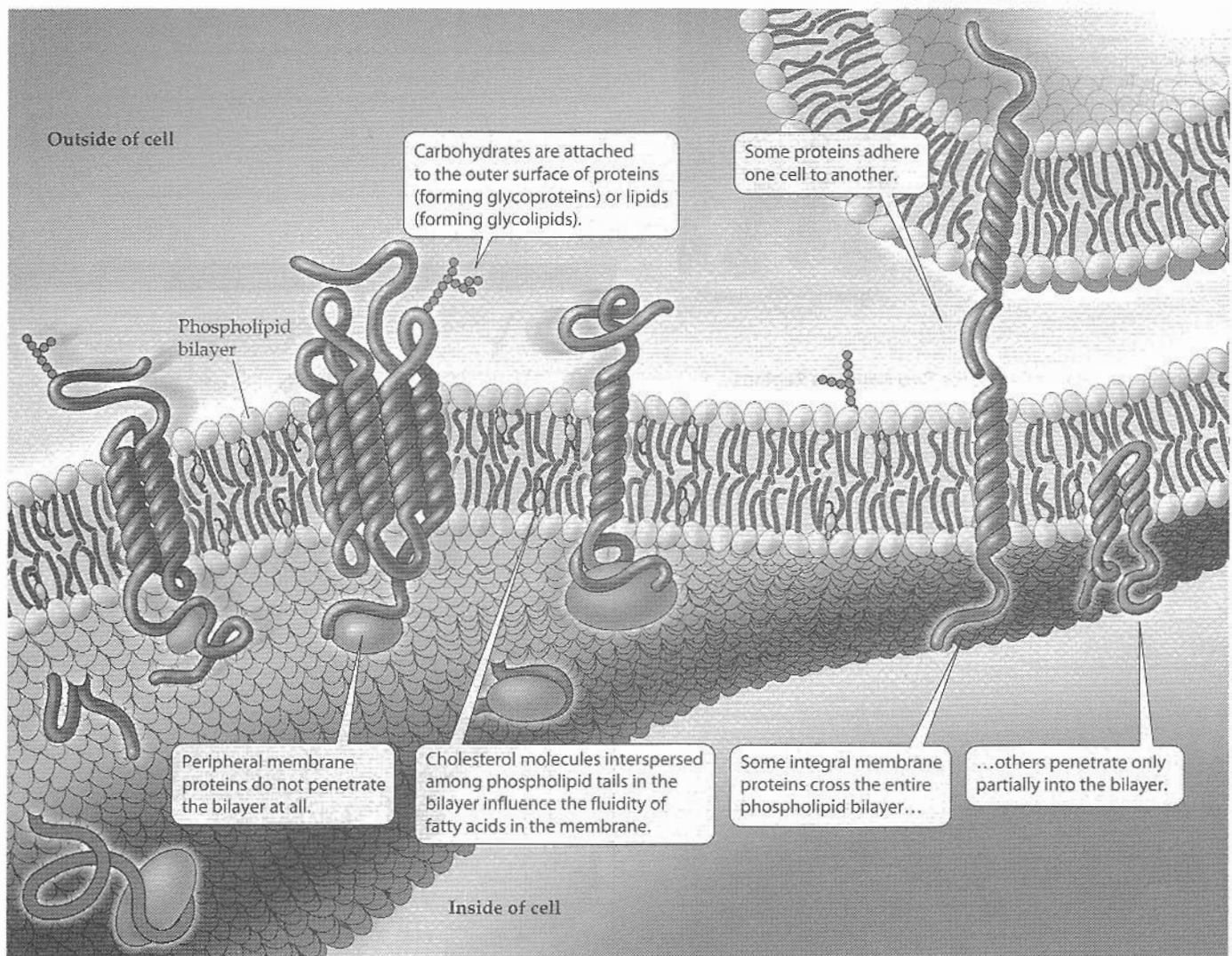
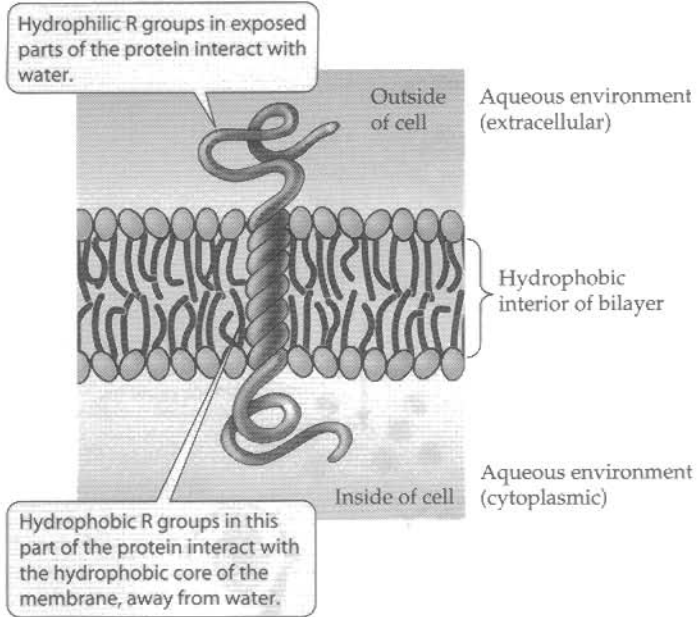


5 Cellular Membranes

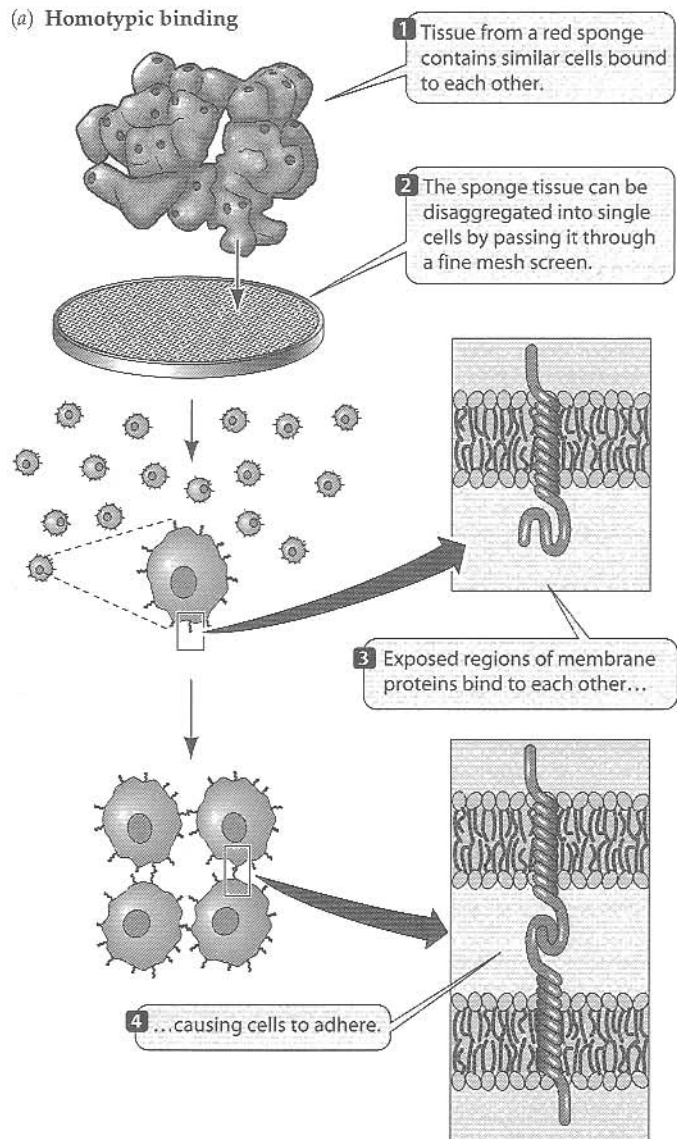


5.1 The Fluid Mosaic Model (Page 88)

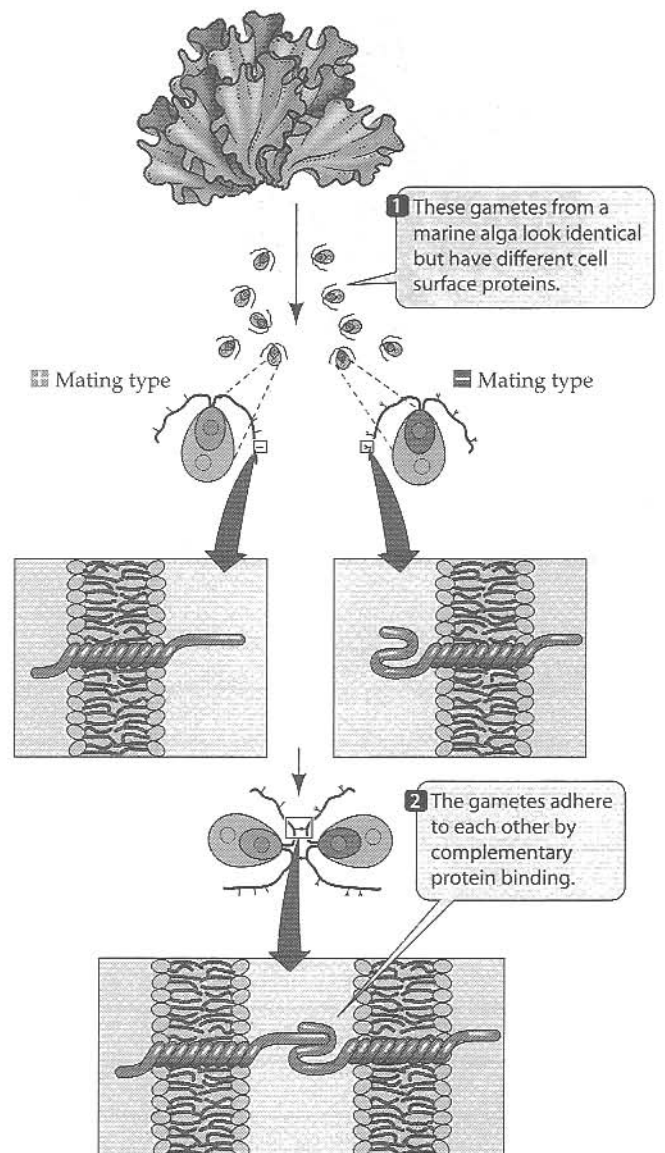


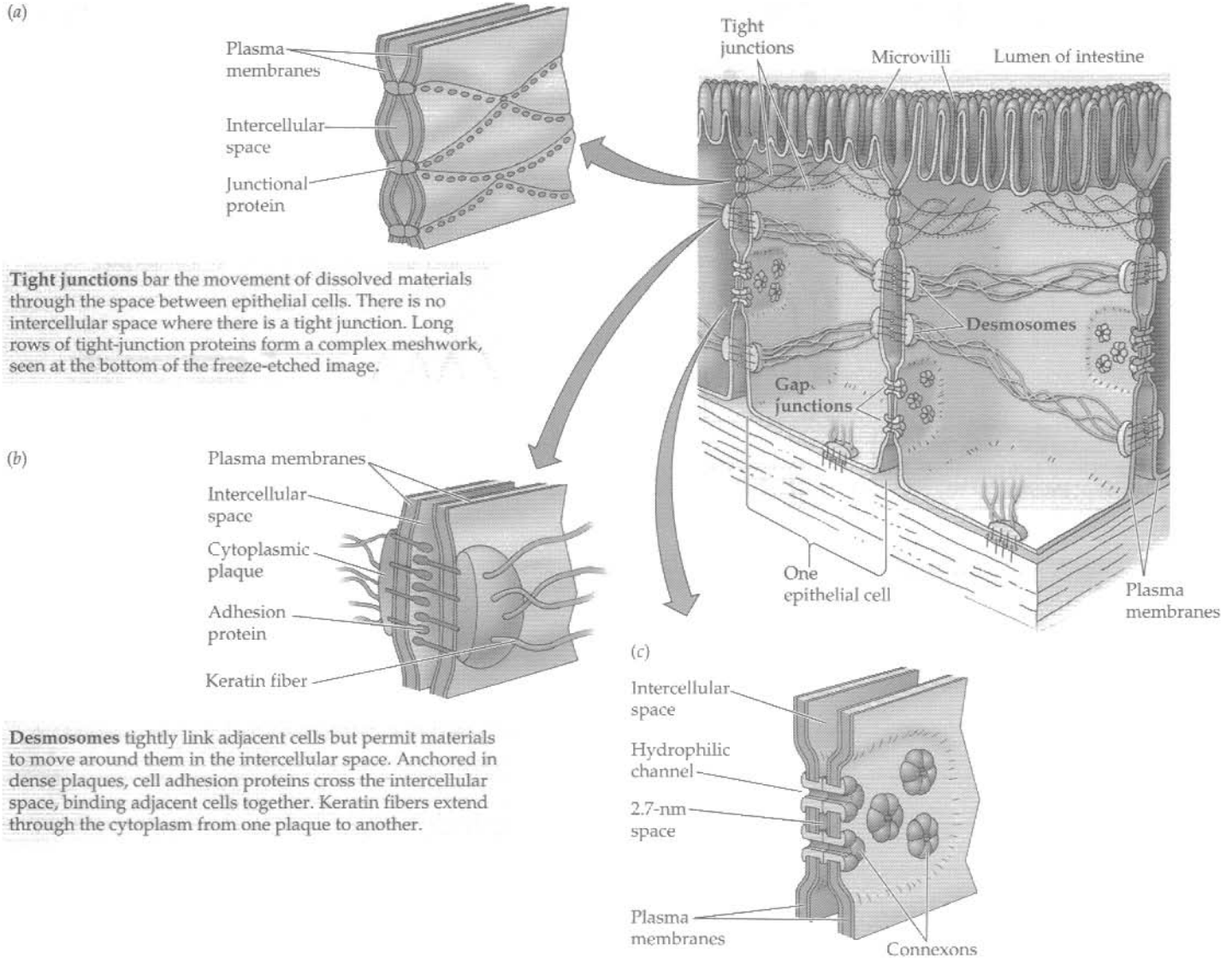
5.4 Interactions of Integral Membrane Proteins (Page 90)

(a) Homotypic binding

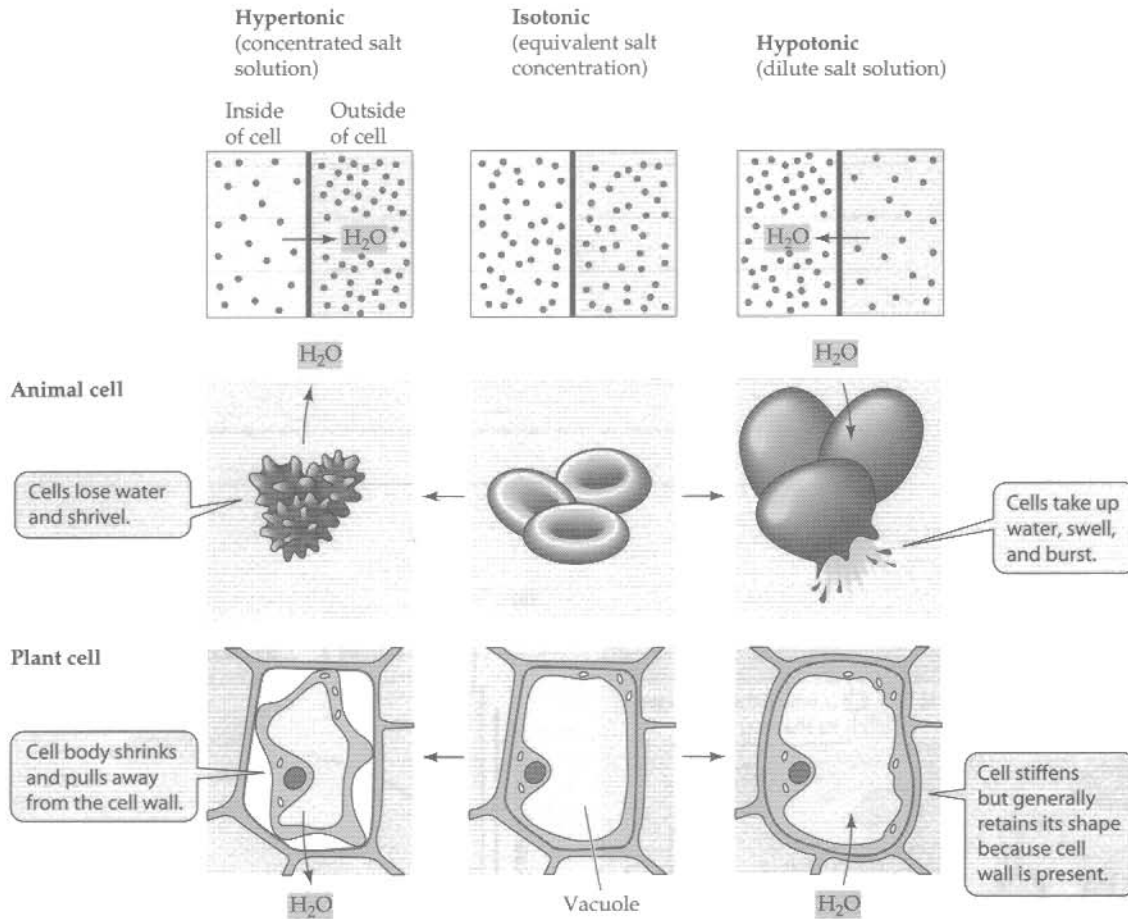


(b) Heterotypic binding

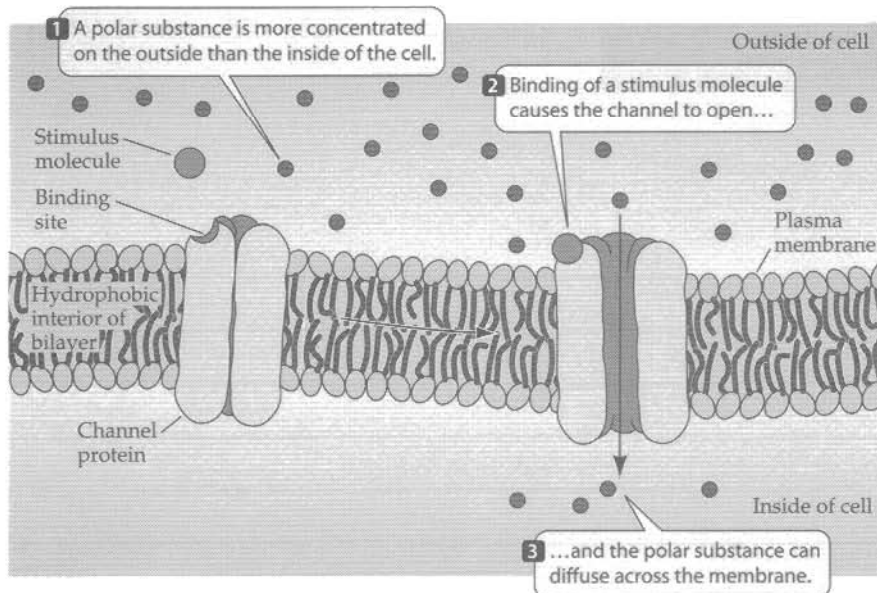




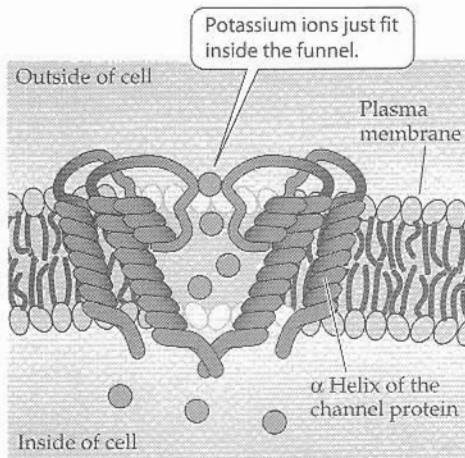
5.6 Junctions Link Animal Cells Together (Page 93)



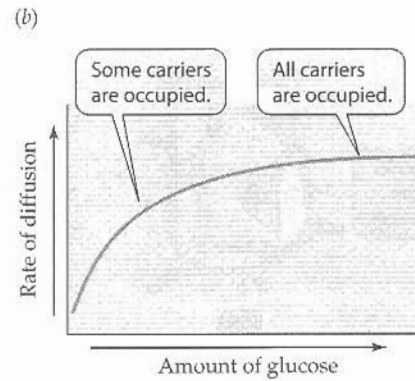
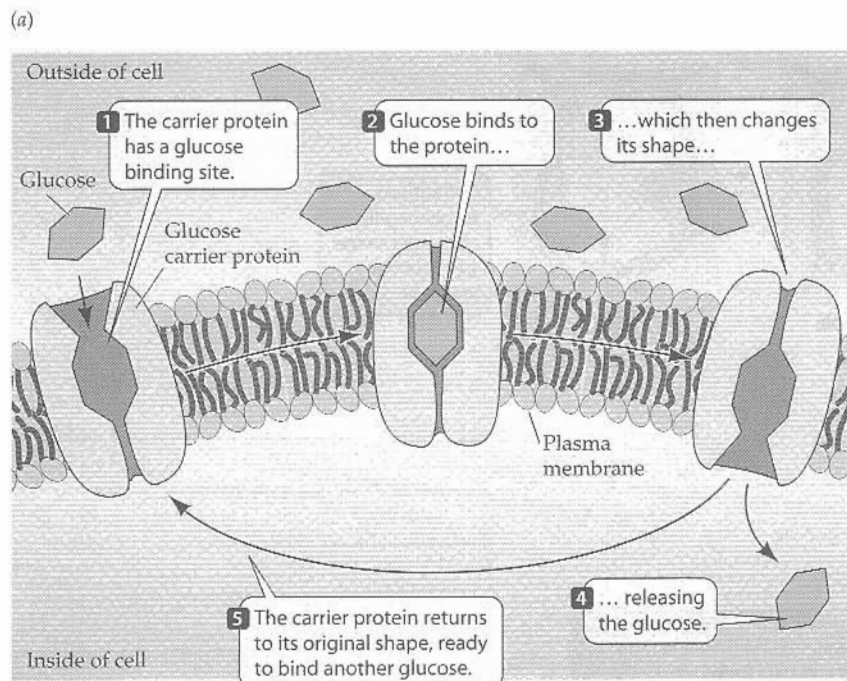
5.8 Osmosis Modifies the Shapes of Cells (Page 96)



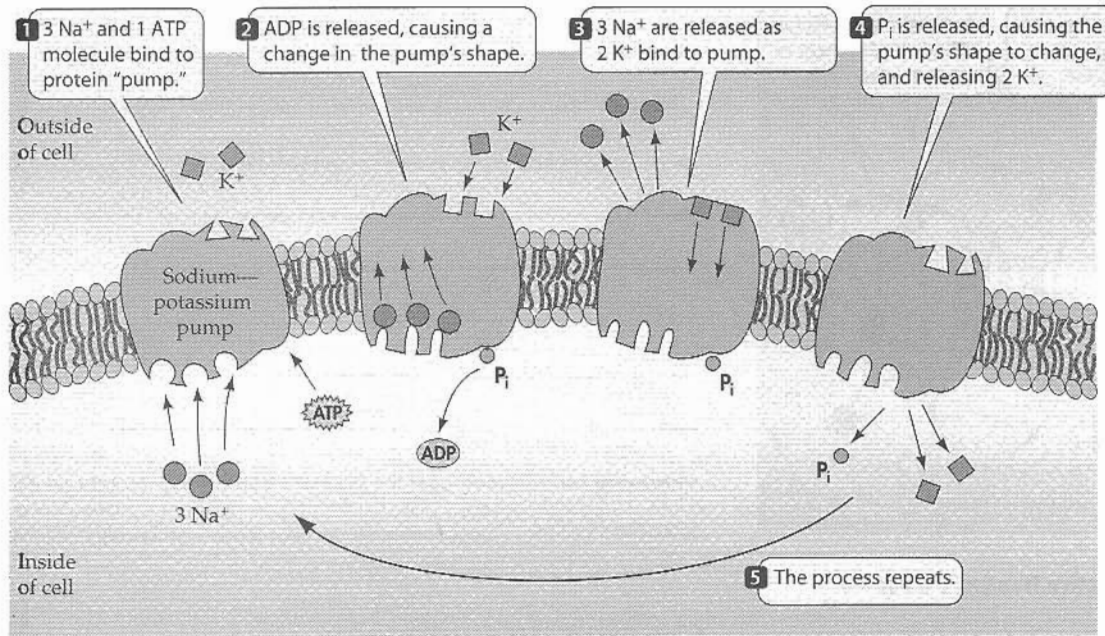
5.9 A Gated Channel Protein Opens in Response to a Stimulus (Page 97)



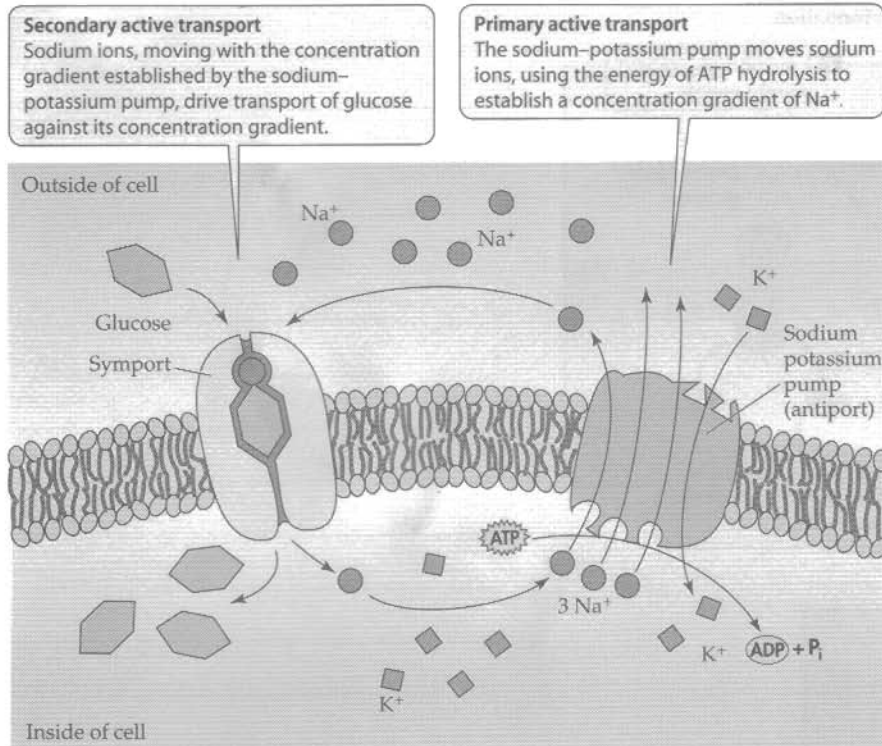
5.10 The K⁺ Channel (Page 98)



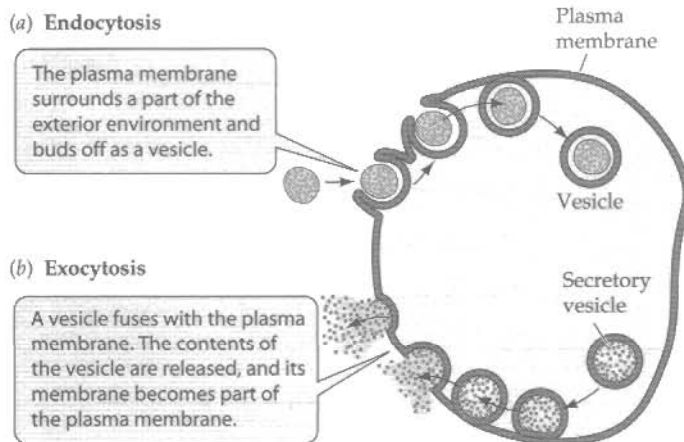
5.11 A Carrier Protein Facilitates Diffusion (Page 99)



5.13 Primary Active Transport: The Sodium-Potassium Pump (Page 101)

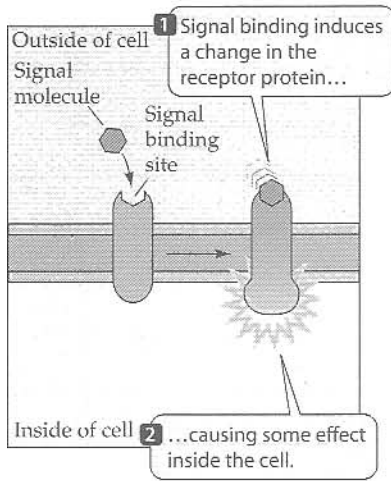


5.14 Secondary Active Transport (Page 101)

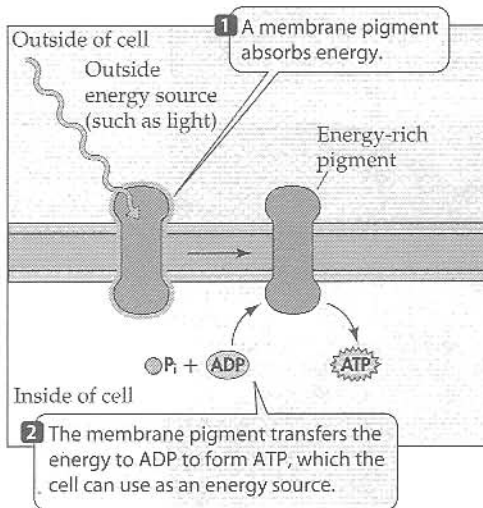


5.15 Endocytosis and Exocytosis (Page 101)

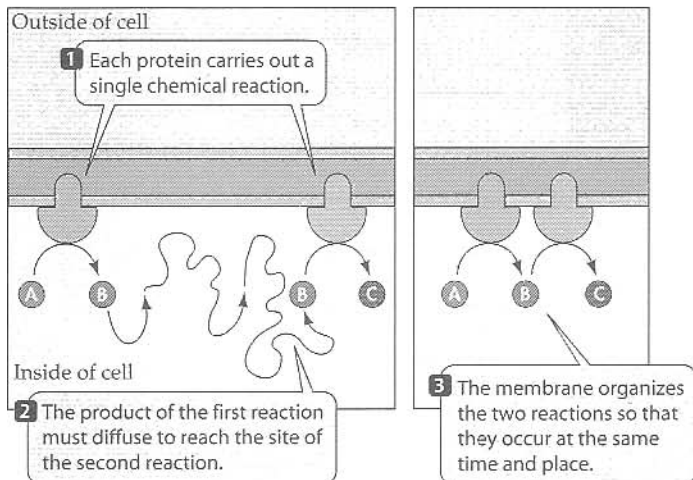
(a) Information processing



(b) Energy transformation



(c) Organizing chemical reactions



5.17 More Membrane Functions (Page 103)