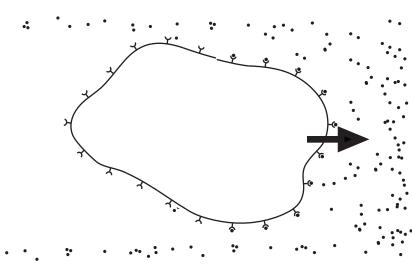
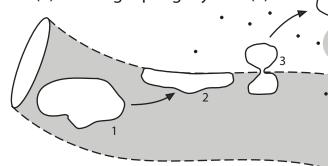
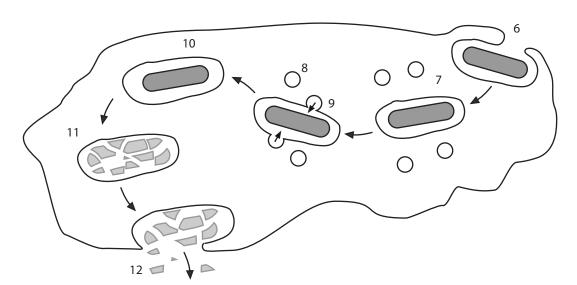
Leukocyte Activity



Damaged interstitial tissue and bacteria () release chemo-attractants (::). Leukocytes respond by positive chemotaxis (1), followed by margination (2), and diapedesis (3). Once within interstitium, leukocytes continue positive chemotaxis (4) and begin phagocytosis (5).



Phagocytosis
results in the fusion of pseudopods (6). The resultant phagosome is a phospholipid bilayer sac containing
bacteria. The Phagosome migrates within the leukocyte and
fuses with lysosomes (8, 9) resulting in a phagolysosome (10). Digestive enzymes



(such as lysozyme) digest bacteria (11), and this vesicle may now be considered a residual body. Elimination by exocytosis (12) of debris concludes the process.