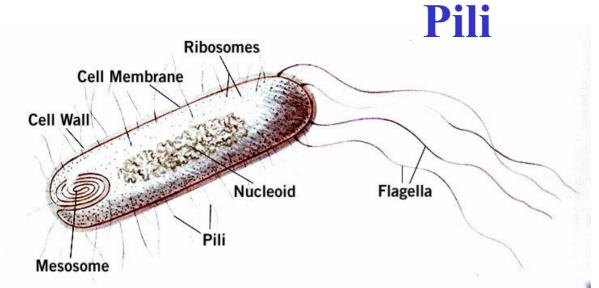
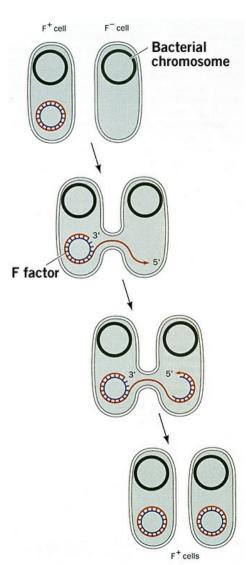
Glycoproteins

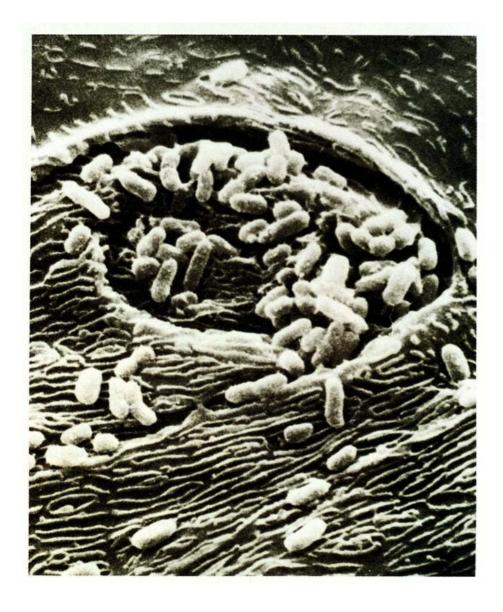






Biochemistry 2nd ed, Voet/Voet

Adhesins



Bacterial proteins called adhesins

E.coli have adhesins at tip of pili

Urinary tract infections:

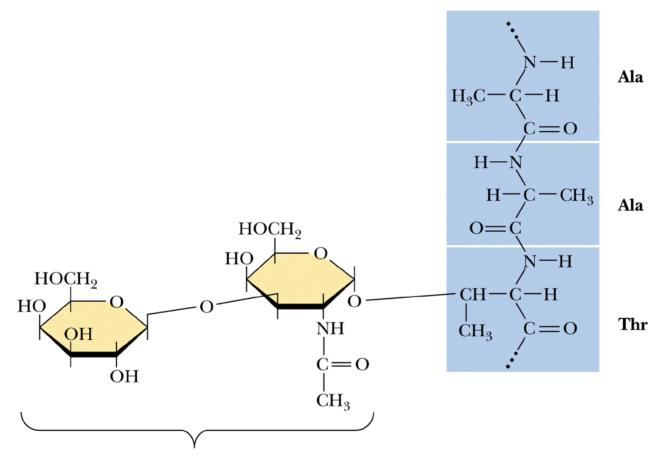
E.coli attach using PapG adhesin on tip of P pili that binds to a galactose dissacharide on the surface of epithelial cells in the urinary tract.

Cheek cells:

bacteria bind to mannose residues Incorporated in the cell membrane of cheek cells

Biochemistry 2nd ed, Voet/Voet

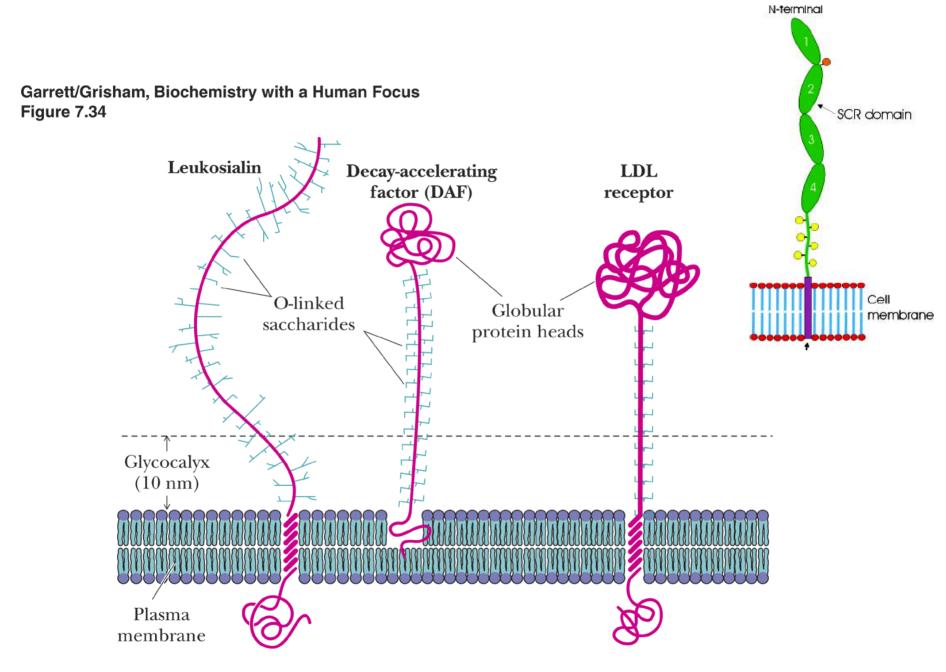
Garrett/Grisham, Biochemistry with a Human Focus Figure 7.35



β-Galactosyl-1,3-α-N-acetylgalactosamine

Repeating unit of antifreeze glycoproteins

Harcourt, Inc. items and derived items copyright © 2002 by Harcourt, Inc.



Harcourt, Inc. items and derived items copyright © 2002 by Harcourt, Inc.

Garrett/Grisham, Biochemistry with a Human Focus Unnumbered Figure Page 230

