

1. Pathogenic and opportunistic bacteria are able to successfully compete with host cells for essential nutrients and colonize the body by:

- A. being able to take in food by phagocytosis and pinocytosis.
- B. using pili, adhesins, and/or biofilms to adhere to host cells.
- C. synthesizing specific transport systems or cell wall components that bind limiting substrates such as iron and transport them into the cell.

2. Bacteria produce siderophores to successfully compete with host cells for:

- A. iron.
- B. glucose.
- C. amino acids.
- D. sodium and potassium.