

1. Why might motility aid bacteria in colonizing the body?

A. Bacteria can avoid antibiotics.

B. Motile bacteria can use motility and chemotaxis to swim through mucus towards mucosal surfaces.

C. Bacteria can swim away from defense cells.

2. _____ use motility by way of their axial filaments to enter capillaries and disseminate via the lymphatics and the blood.

- A. Bacilli such as *Escherichia coli* and *Pseudomonas aeruginosa*
- B. Cocci such as *Staphylococcus aureus* and *Streptococcus pyogenes*
- C. Spirochetes such as *Treponema pallidum* and *Borrelia burgdorferi*