

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

A. Bacteria can swim away from defense cells.

B. Bacteria can avoid antibiotics.

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

2. Name two motile spirochetes that use motility to enter the body and disseminate via the lymphatics and the blood.

A. *Treponema pallidum* and *Borrelia burgdorferi*.

B. *Helicobacter pylori* and *Escherichia coli*.

C. *Pseudomonas aeruginosa* and *Spirillum undula*.