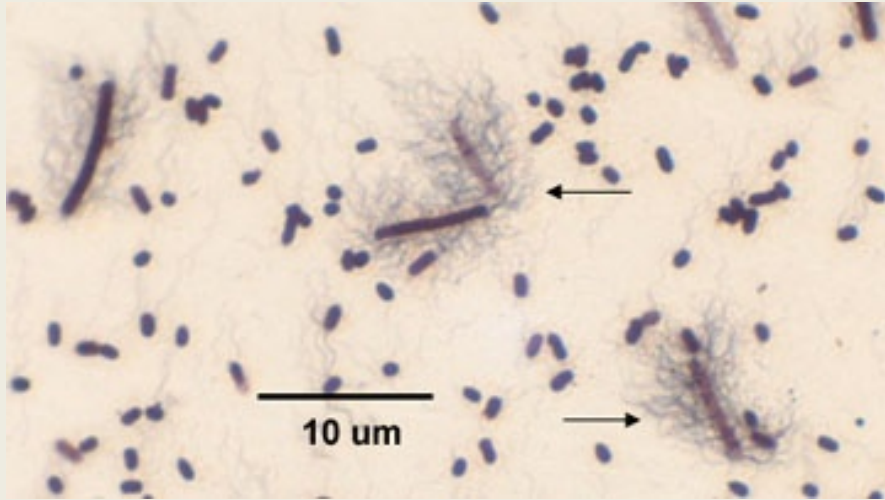


1. The overall function of bacterial flagella is:

A. to keep bacteria in an optimum environment via taxis.

B. to enable bacteria to escape body defenses.

C. to adhere to host cells and resist flushing.



2. What is the arrangement of bacteria flagella seen here?

- A. monotrichous
- B. amphitrichous
- C. lophotrichous
- D. peritrichous

3. Internal flagella, or axial filaments, are seen only in:

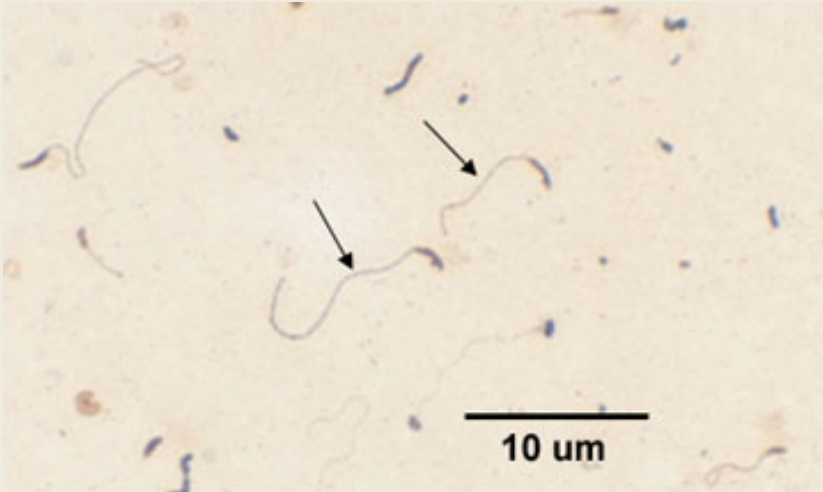
A. spirochetes

B. spirilla

C. vibrios

D. bacilli

4. What is the arrangement of bacteria flagella seen here?



- A. monotrichous
- B. amphitrichous
- C. lophotrichous
- D. peritrichous

5. If a bacterium has a peritrichous arrangement of flagella, _____ of the flagella causes them to form a single bundle that propels the bacterium in long, straight or curved runs without a change in direction.

A. clockwise

B. counterclockwise

C. sliding of fused
microtubules

6. _____ enable the spirochetes to penetrate tissues as well as enter the lymphatics and bloodstream enabling their dissemination to other body sites.

A. Peritrichous flagella and chemotaxis

B. Amphitrichous flagella and chemotaxis

C. Motility, chemotaxis, and invasins