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MCB 3020C

Chapter 3. Practice Quiz

Bacteria have sterols

a) True
b) False

What are the 2 molecules symported in the lactose permease of Ecoli?

a) galactose and H+
b) lactose and H2O
c) lactose and H+
d) Maltose and H2O

Sugars are attached by what type of bond?

a) A (1-3)
b) B (1-4)
c) D (1-4)
d) B (1-3)

Gram positive cell walls have teichoic acid

a) True
b) False

Which of the following is an actin homologue?

a) MreB
b) FtsZ
c) CreS
d) Ftxs

Magnetosomes provide buoyancy.

a) True
b) False

What protein in the cytoskeleton allow bacteria to orient themselves with the Earth's magnetic fields?

a) MreB
b) FtsZ
c) MamK
d) CreS

_____ is required for conjugation .

a) Pili
b) Sex pili
c) fimbriae
d) villi

_____ flagellar movement causes a cell to stop and tumble

a) Clockwise
b) Twitching
c) Swarming
d) Counterclockwise

Endospores have a hydrated core

a) True
b) False