











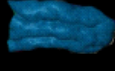






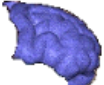
Game Day


Wednesday, February 02, 2011
7:43 AM


Slide	Notes
	


	L1	L2	L3
	Good Guy, Bad Guy Cultures	Metabolism & Reproduction	Classification
parietal lobe			
frontal lobe			
occipital lobe			
temporal lobe			
cerebellum			

parietal lobe  A population of bacteria is in steady state. That mean no bacteria are dying.
 Answer: True False

rontal lobe  If a sample of food is dehydrated, what condition for bacterial growth are you removing from the food?
 Choose one answer. a. moisture b. moderate temperature c. nutrition

occipital lobe  Match the term to this definition:
 Population growth that is controlled by limited resources
 Choose one answer. a. exponential growth b. starvation

temporal lobe  What shape is a bacterium from the genus Streptobacillus.
 Choose one answer. a. sphere b. rod c. helix d. cone

cerebellum  What disease goes for the brain and has endotoxins that are 100 to 1000X more toxic than a typical bacterium?


False, steady state merely means that the rate of seath and 'birth' are the same.

Moisture is missing.

Limimited resources = logistical growth.

Rod shaped

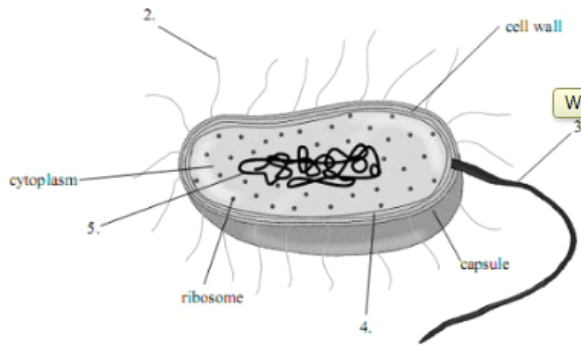
Meningitis

parietal lobe  Saprophytic bacteria can also be autotrophic.
 Answer: True False

Match the names of the structures to the diagram.

False

Match the names of the structures to the diagram.



Structure labeled 3

Structure labeled 2

Structure labeled 4

Structure labeled 5

- 2 . Pilus
- 3 flagellum
- 4. Membrane
- 5. DNA

1 lobe

Two different species of bacteria attempt to infect an organism. One succeeds, while the other is destroyed by the organism's infection-fighting mechanisms. What is most likely the major difference between these two bacteria?

Choose one answer.

- a. pili
- b. plasma membrane
- c. flagellum
- d. capsule

A bacterium receives a new trait that it did not previously have. However, it did not participate in conjugation. How is this possible?

Choose one answer.

- a. Transformation or transduction occurred
- b. It is in Phylum Mendosicutes

A small, circular section of extra DNA that confers one or more traits to a bacterium and can be reproduced separately from the main bacterial genetic code

Choose one answer.

- a. Plasmid
- b. Endospore
- c. Fimbria
- d. asexual reproduction

Capsule

a

plasmid

A bacterium has no cell wall. To what phylum does it belong?

Choose one answer.

- a. Gracilicutes
- b. Tenericutes
- c. Firmicutes
- d. Mendosicutes

A bacterium has an exotic cell wall. To what phylum does it belong?

- Choose one answer.
- a. Tenericutes
 - b. Firmicutes
 - c. Gracilicutes
 - d. Mendosicutes

A bacterium is Gram negative and needs light to survive. It lives in a habitat that is completely oxygen-free. To what phylum and class does it belong?

- Choose one answer.
- a. phylum Gracilicutes, class Anoxyphotobacteria.
 - b. phylum Firmicutes, class Mollecutes
 - c. phylum Thallobacteria, class Anoxyphotobacteria
 - d. phylum Tenericutes, class Mollecutes

A bacterium has a complex cell wall. To what phylum does it belong?

- Choose one answer.
- a. Tenericutes
 - b. Gracilicutes
 - c. Firmicutes
 - d. Mendosicutes

A bacterium is classified as Gram-positive. To what phylum does it belong?

- Choose one answer.
- a. Firmicutes
 - b. Gracilicutes
 - c. Mendosicutes
 - d. Tenericutes

ance

The DNA and other essential parts of a bacterium coated with several hard layers

- Choose one answer.
- a. plasmid
 - b. plasma membrane
 - c. endospore

ance

A bacterium suddenly cannot manufacture proteins. What component(s) of the cell is (are) not working?

- Choose one answer.
- a. plasmid
 - b. ribosomes
 - c. fimbria
 - d. saprophyte

ance

If a bacterium is anaerobic, would you expect to find it floating at the top of a lake or deep in the muck at the bottom of the lake?

- Choose one answer.
- a. in the muck at the bottom
 - b. floating

ance

A bacterium is photosynthetic. It is a decomposer?

- Answer:
- True
 - False