Question 1

What shape does this bacteria demonstrate?
When did the first prokaryote appear in the fossil record?
Question 2

What characteristics allow antibiotics to work on bacterial cells but do not affect eukaryotic cells?

What is a narrow spectrum antibiotic?
**Question 3**

Is this gram + or gram -? What is the structure of the cell wall in this organism?
Question 4

What is the name of this Bacteria? What group is it found in? What is the name of the structure at the end of the pointer?
Question 5

What clade does this organism belong to? What are fossilized ones known as? What are they used for?
Question 6

What clade are these found in? What is there common name? What is the name of the structure at the pointer? How do these cells communicate?
Question 7

What is the name of the structure at the pointer? What do they produce?
Question 8

What is the name of the organism? What disease does it cause? What clade is this found in?
Question 9

What is the name of the species on the left? What is the name of the specialized mitochondria for the species on the right? What supergroup or they both in? Name one characteristic they both have?
Question 10
What is the name of the structure at the pointer? What is the name of the darker circle to the right?