**MICROBIOLOGY 1**

**Community infections**

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In this lecture we will cover community acquired **bacterial** infections

We will cover

Composition of a bacterial cell

What is a Gram-positive bacterium

What is a Gram-negative bacterium



We will specifically cover the following bacteria and infections caused by them:

1. Respiratory tract infections
   1. *Legionella pneumophila*
   2. *Mycobacterium tuberculosis*
2. Sexually transmitted infections
3. *Chlamydia trachomatis*
4. *Neisseria gonorrhoea*

*c.)* *Treponema pallidum* (syphilis)

1. Food and water borne diseases
2. *Bacillus anthracis*
3. *Vibrio cholera*
4. *Listeria monocytogenes*
5. *Shigella*
6. *Salmonella*
7. *Escherichia coli*
8. Vector borne diseases
9. *Yersinia pestis* (plague)
10. Vaccine preventable diseases
11. *Corynebacterium diphtheria*
12. [*Neisseria meningitidis*](http://en.wikipedia.org/wiki/Neisseria_meningitidis)
13. *Streptococcus pneumonia*
14. *Bordetella pertussis* (pertussis)
15. *Clostridium tetani* (tetanus)