* What is a cell?
* How do cells and organisms evolve?
  + Heritable traits/random variation
  + Selective survival/reproduction of organisms with fittest heritable traits
* Antibiotic resistance  
    
  + Gene ->Protein -> Organism
  + How resistance evolves:

* How does evolution differ from engineering?
* How does evolution resemble engineering?  
  + Protein stability/function
  + Evolution of multicellularity
  + Cancer as a “cheater”