* 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”