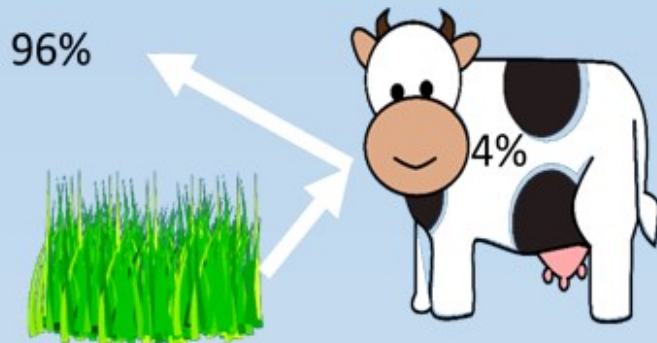


Meat the Future: Biotechnology to Make Meat Production More Ethical

U.S. Meat Consumption, 1909-2012



As time goes on we continue to need more meat to fulfill increased demand!



In Vitro Meat Production!



The Potential of IVM

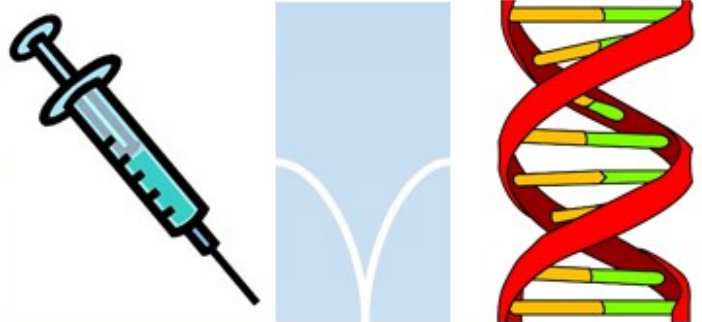
In Vitro Meat grows the meat in a petri dish which results in a **cleaner** and **more efficient** meat production. This process is also more humane because **animals are not killed** in the process.

Current limits to the outlook of IVM technology are due to the lack of flavor and different meat types.

The Problem:

Cows are inefficient: only a fraction of the nutrients consumed is converted into edible products.

Also, simply increasing herd sizes results in **deforestation** and **increased methane production**.



So what can we do?

Antibiotics and GMOs are old solutions that do increase efficiency of farms...

...but they also increase the risk of creating **antibiotic resistant bacteria** and **invasive species**.