

Ch 9-1

Mendel answered the question of why you look like your parents, but he did not say what genes looked like.

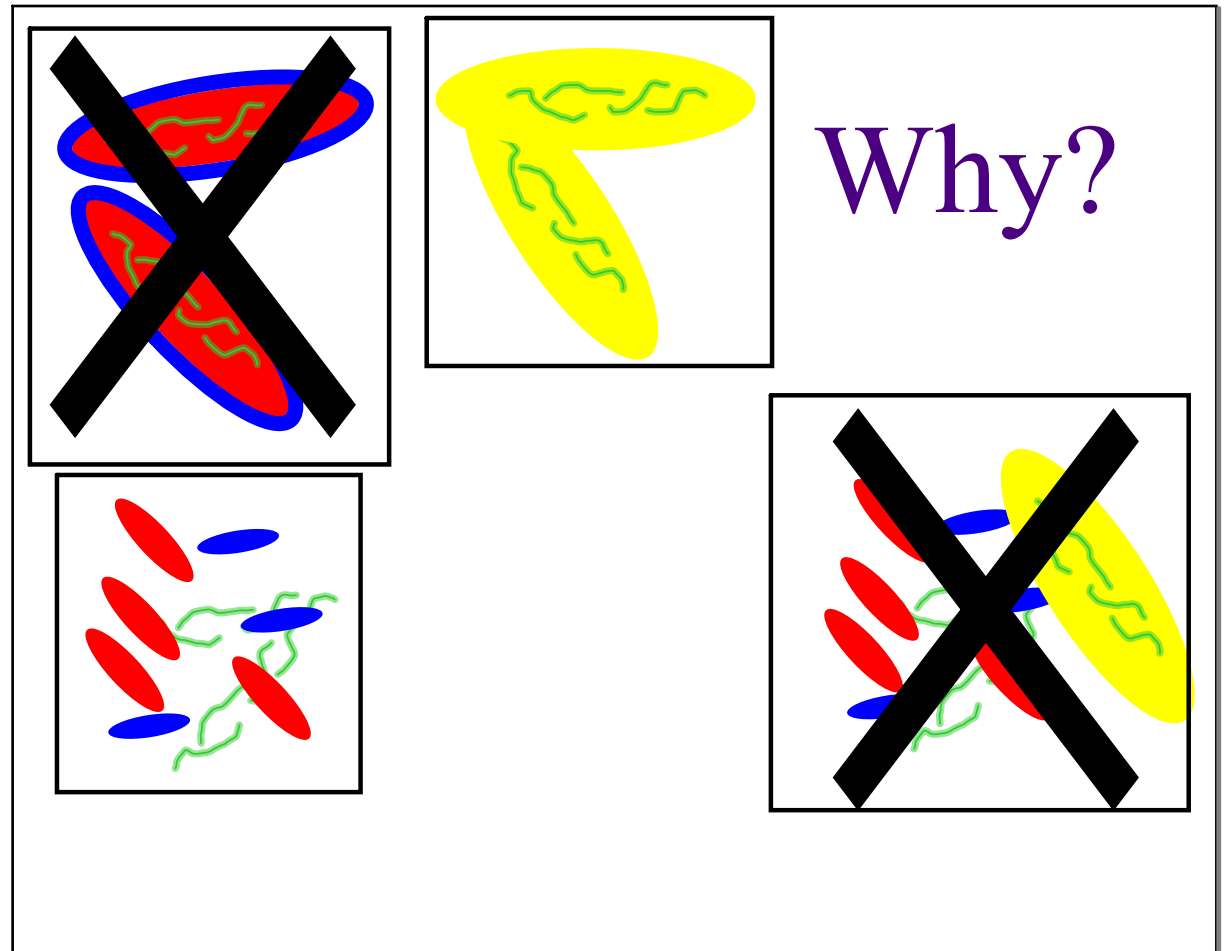
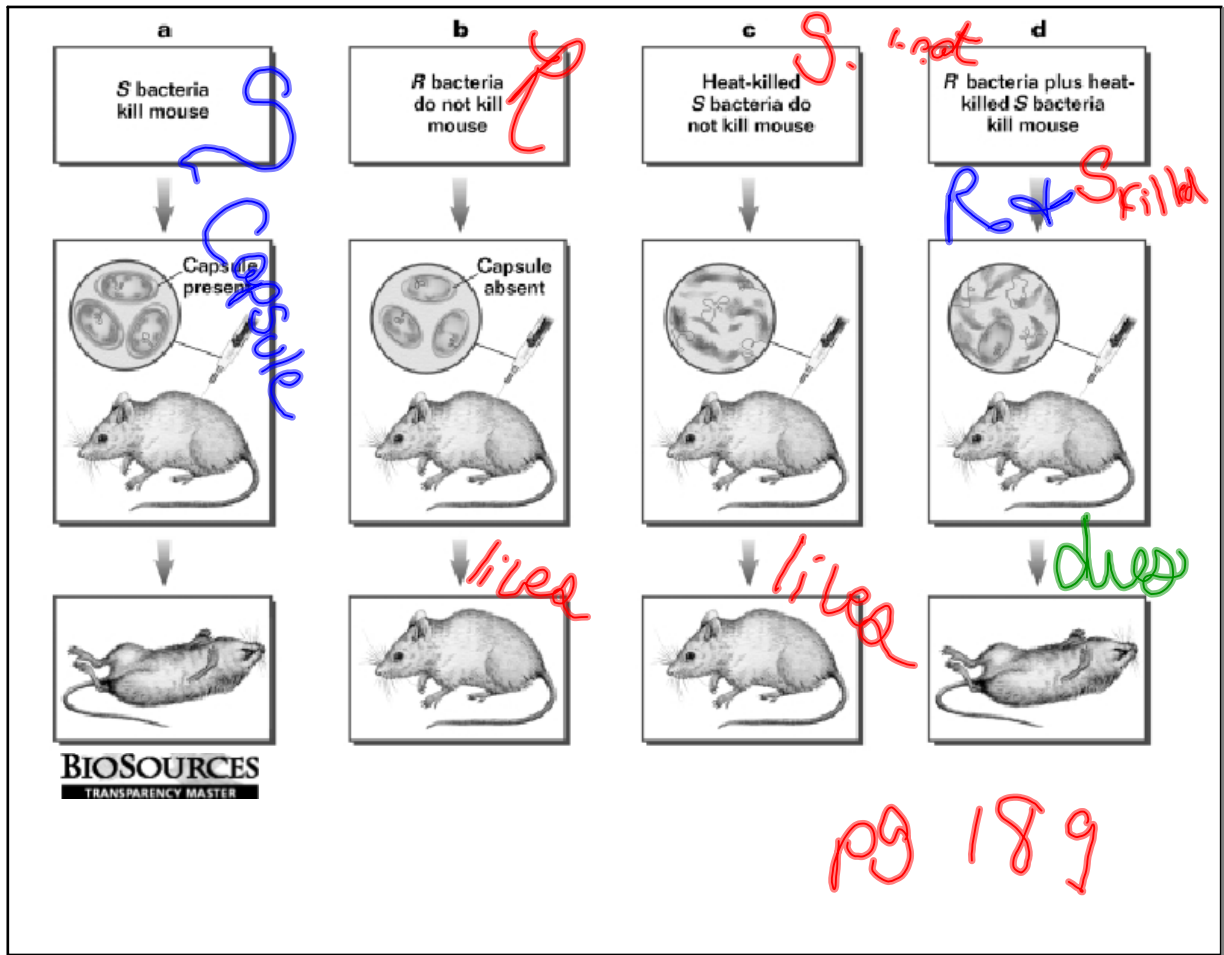
Frederick Griffith was trying to make a vaccine against the bacteria that causes pneumonia. He made a genetic discovery instead.

A **vaccine** is a substance that is made from killed or weakened bacteria and given to the body to protect against future infections.

Griffith was working with two types of bacteria.

S → R



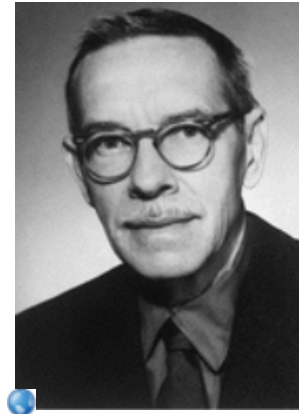


Some how the
bacteria under
went
transformation.

Oswald Avery
in 1944 showed
that DNA is
responsible for
transformation.



Hershey and Chase



Ashley Hershey

Bacteriophage- viruses that infect bacteria

http://nobelprize.org/nobel_prizes/medicine/laureates/1969/hershey-bio.html

