

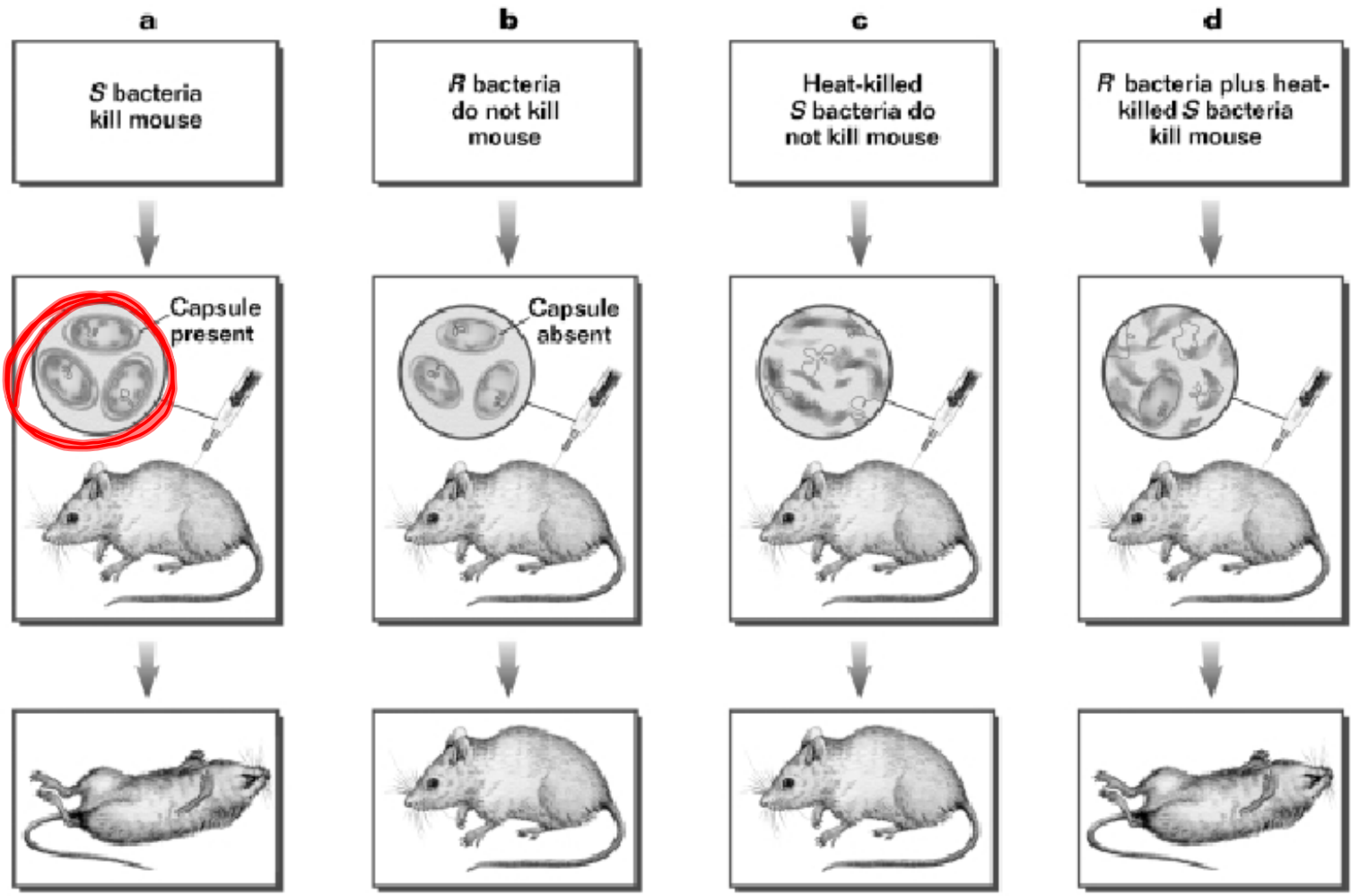
Mendel answered the
question of why you
look like your parents
but he did not say what
genes looked like.

Frederick Giffith was trying to make a Vaccine against the bacteria that causes Pneumonia. He made a genetic discovery instead.

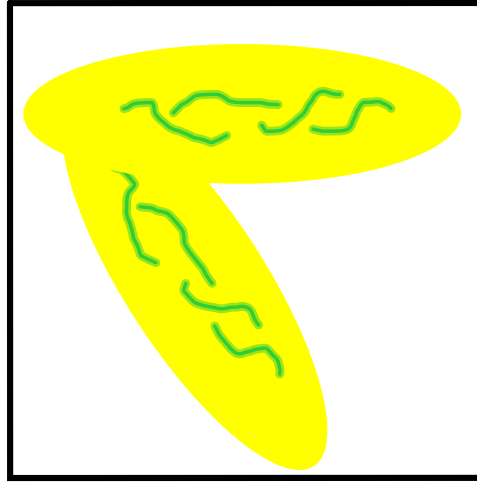
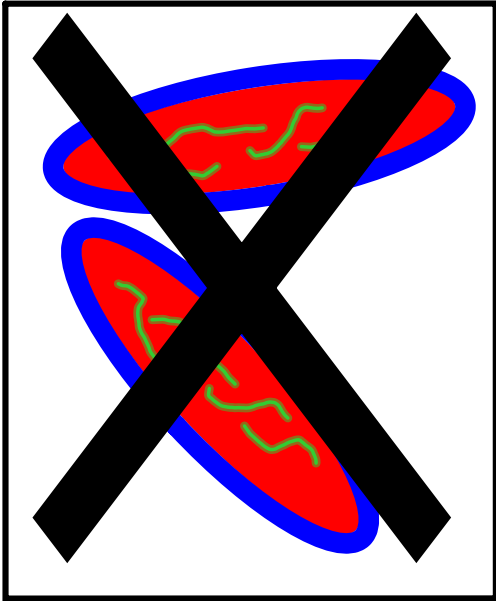
A Vaccine is a substance that is made from Killed or weakened bacteria and given to the body to protect against future infections.

Griffith was working with two types of bacteria.

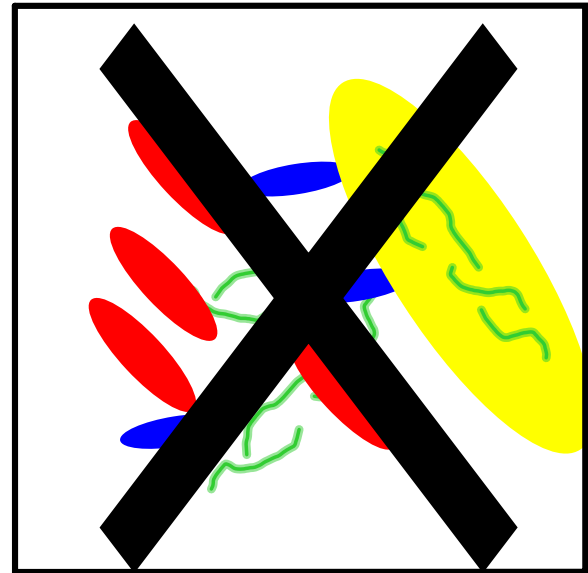
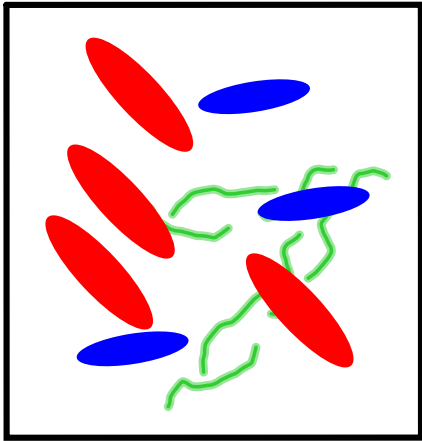




BIOSOURCES
TRANSPARENCY MASTER



Why?



Some how the
bacteria under
went
transformation

Oswald

Avery in

1944 showed

that DNA is
responsible for

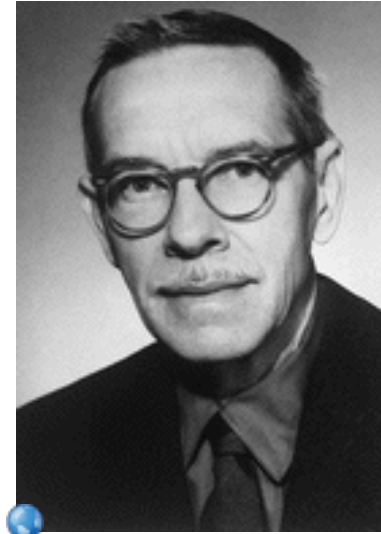
transformation



<http://profiles.nlm.nih.gov/CC/Views/Exhibit/narrative/biographical.html>

Hershey and Chase

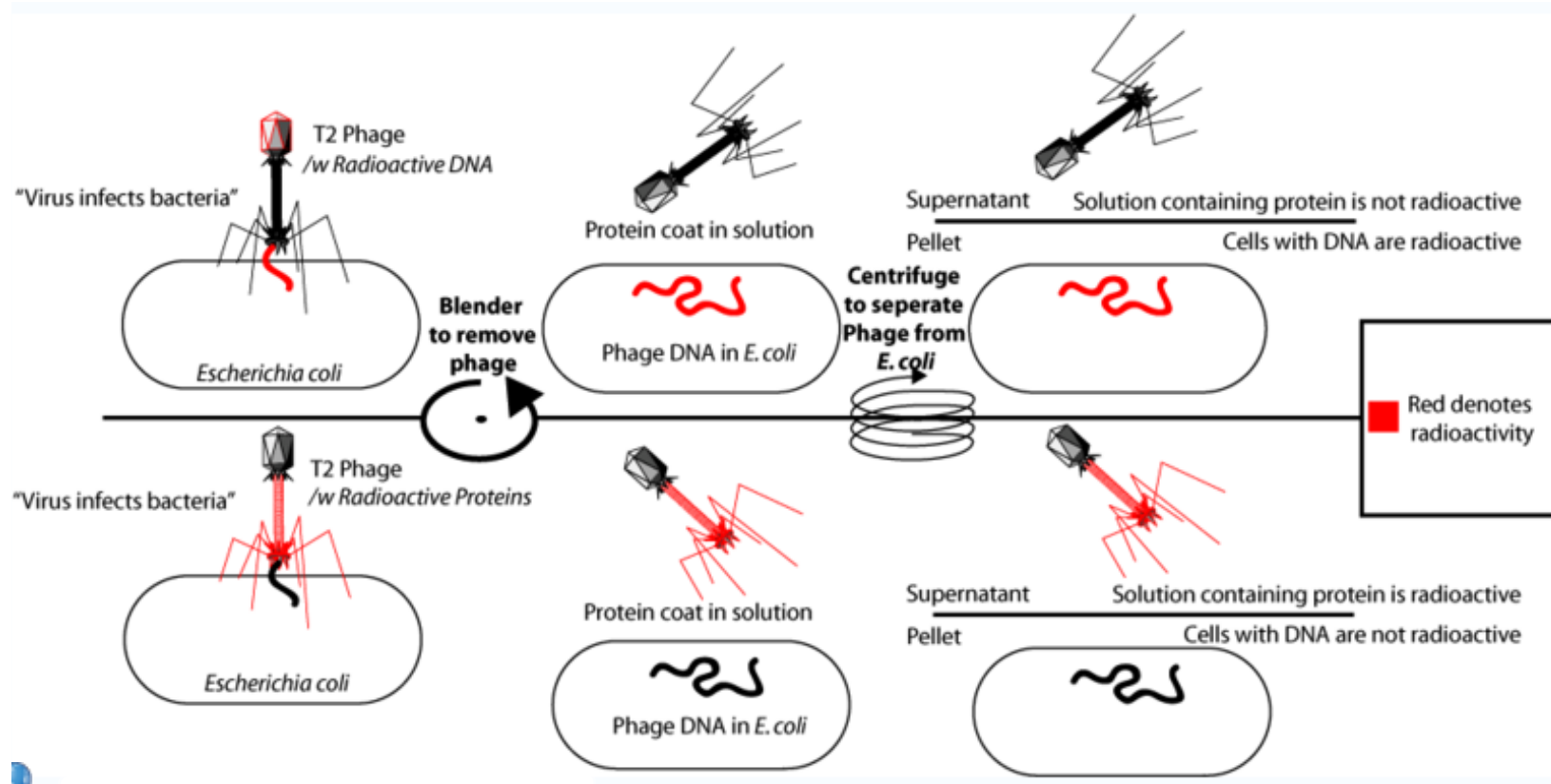
Bacteriophage-
viruses that infect
bacteria



Ashley Hershey

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





<http://en.wikipedia.org/wiki/Image:HersheyChaseEx.png>