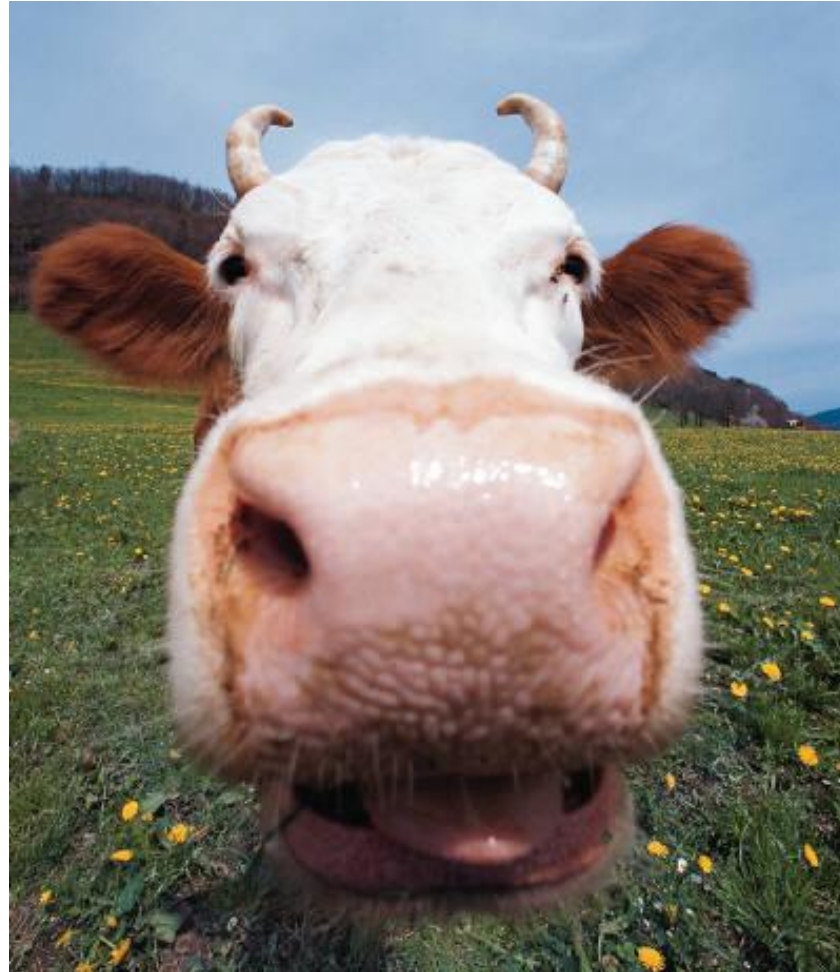






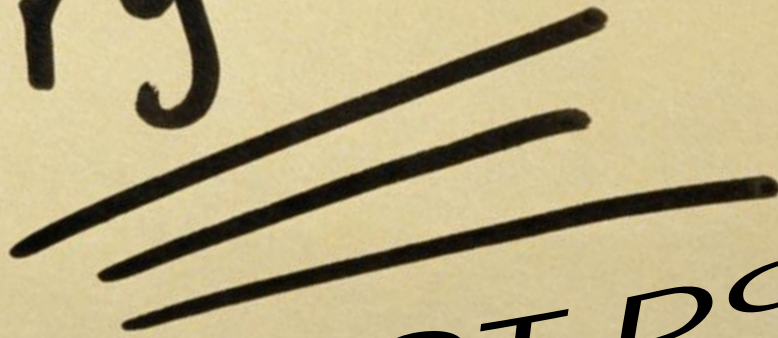
SERIOUSLY??

# Why do I need to be here??



Cancer of the mouth is a potential problem  
There are things you can do to prevent it

Urgent!



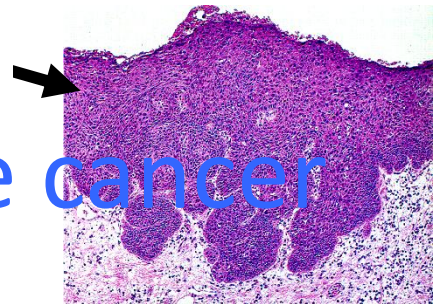
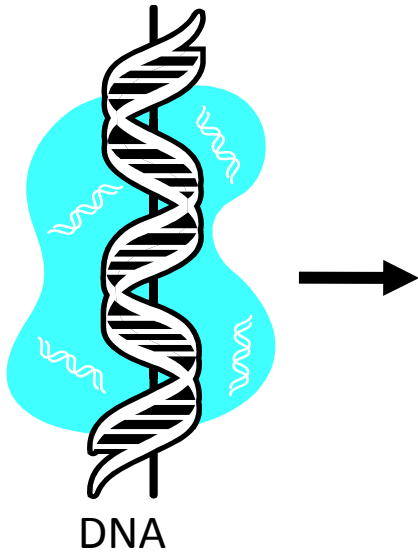
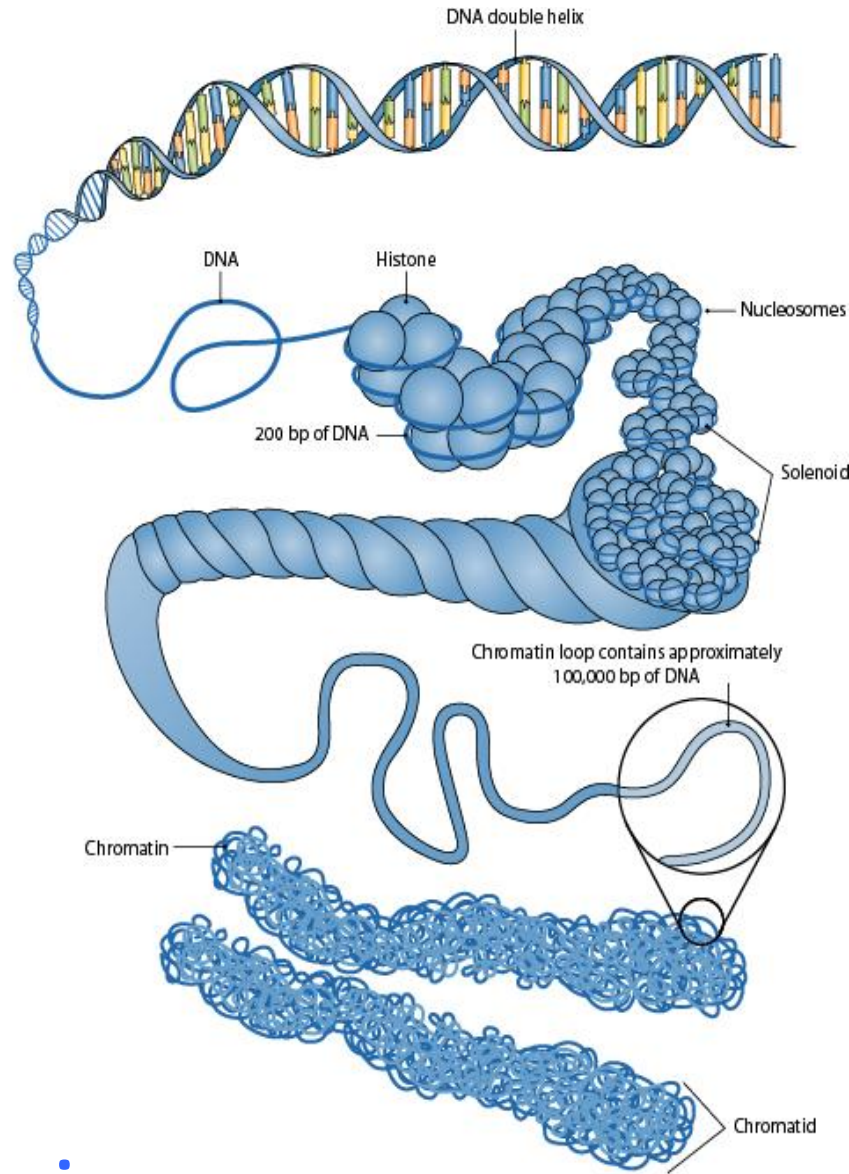
**MUST DO**



# Why do cancers develop??



# Genetics

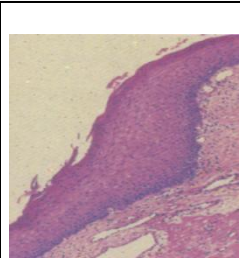


Problems in our genes cause cancer

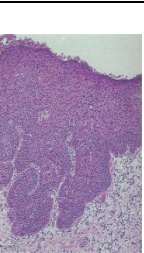
# Effect of genetic factors



0



Normal  
mucosa



Invasive  
cancer

Cells get messed up  
When its real bad they turn into cancer



# Factors that lead to oral cancer

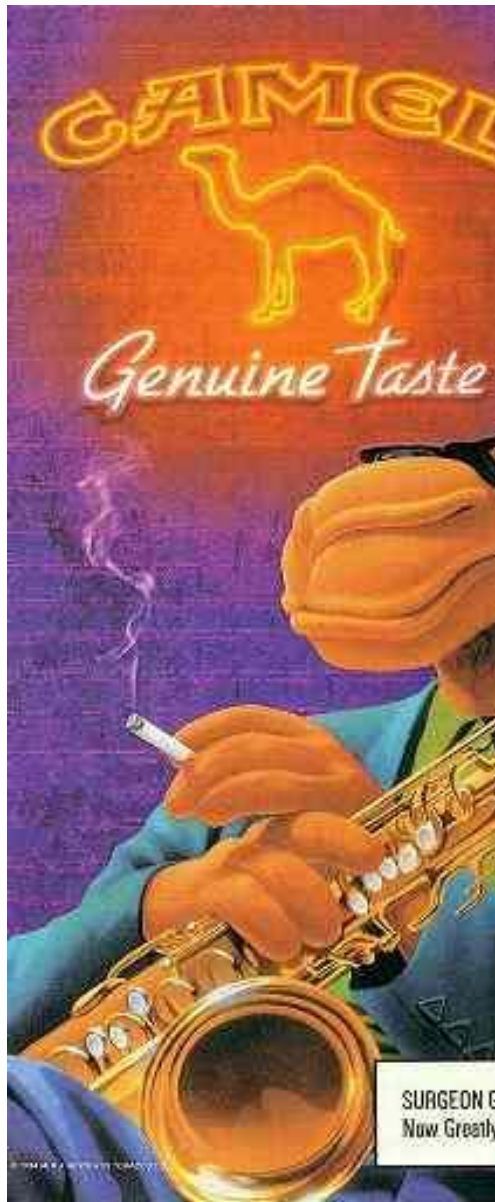
- Tobacco use
  - Smoking
  - Chewing
- Alcohol use
  - Beer
  - Wine
  - Hard liquor
- Viruses
  - HPV

Smoking, drinking and  
Some other stuff cause cancer

# How do cigarettes cause cancer?

- Direct effect
- Chemicals in the smoke
  - 4000 different chemicals are present in tobacco smoke
  - 60 can directly cause cancer

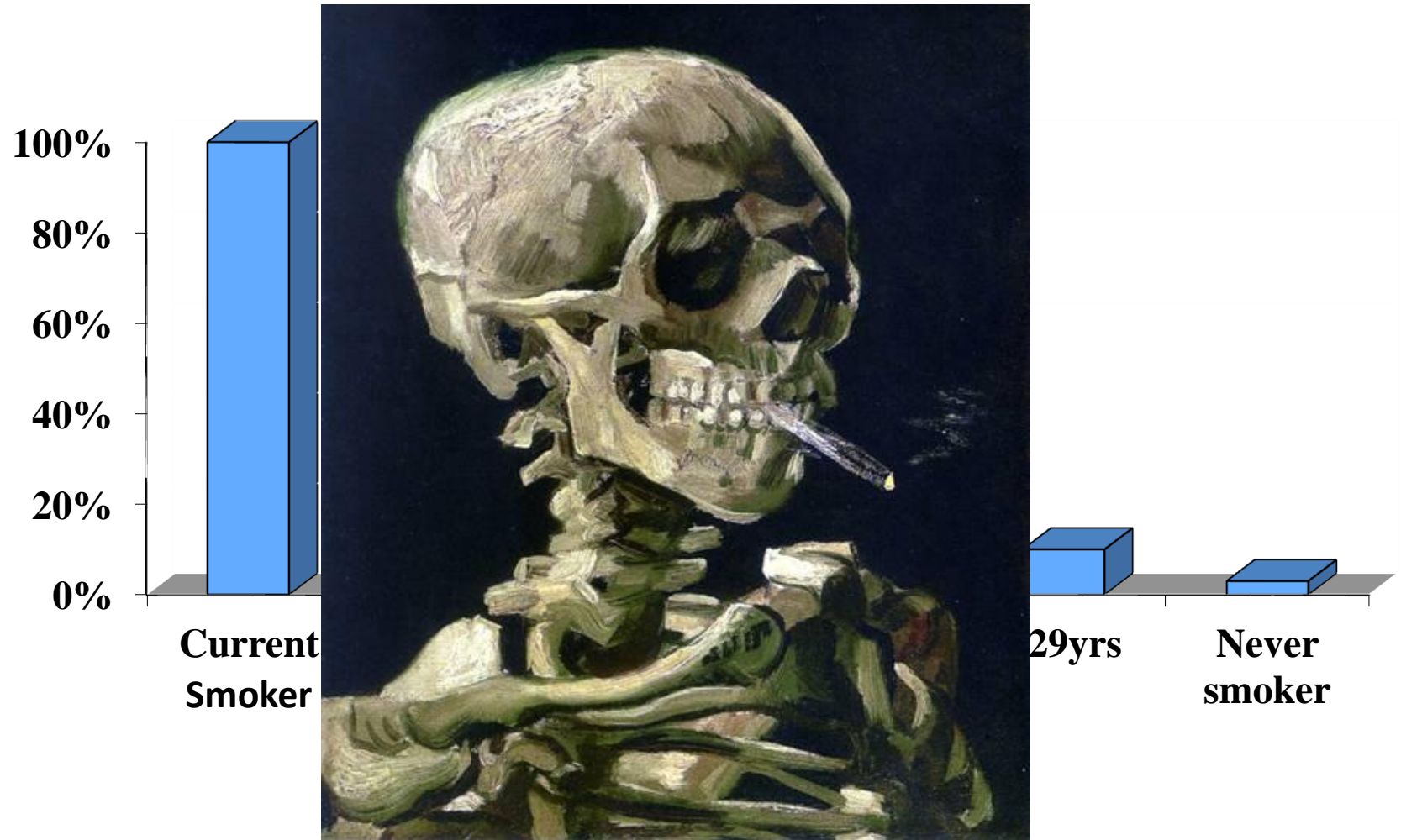




Photograph by Leonard McCombe



# Tobacco cessation and cancer risk



Don't smoke

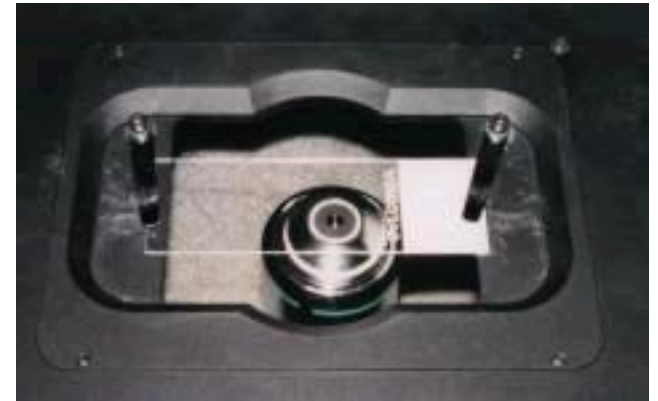
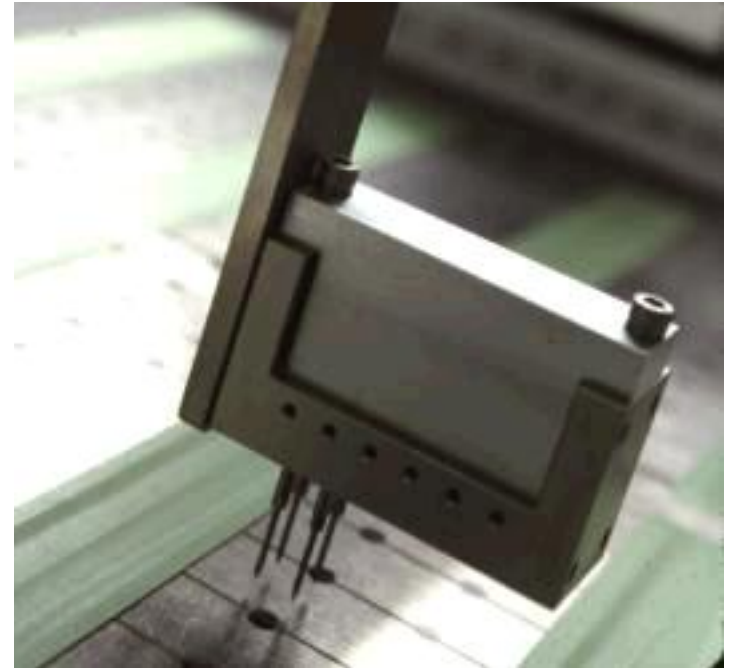
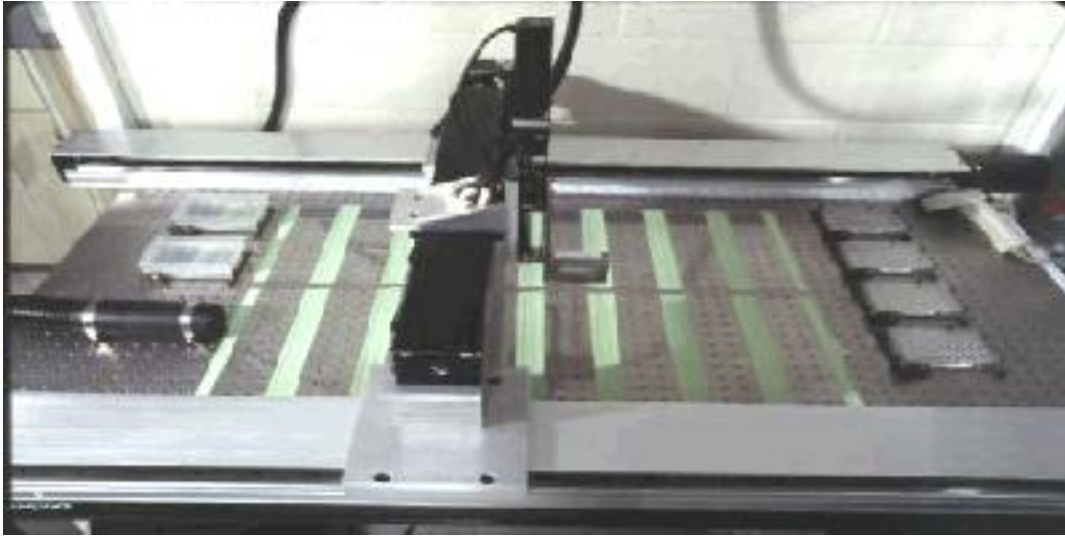
# Alcohol cessation and cancer risk



# Have to do

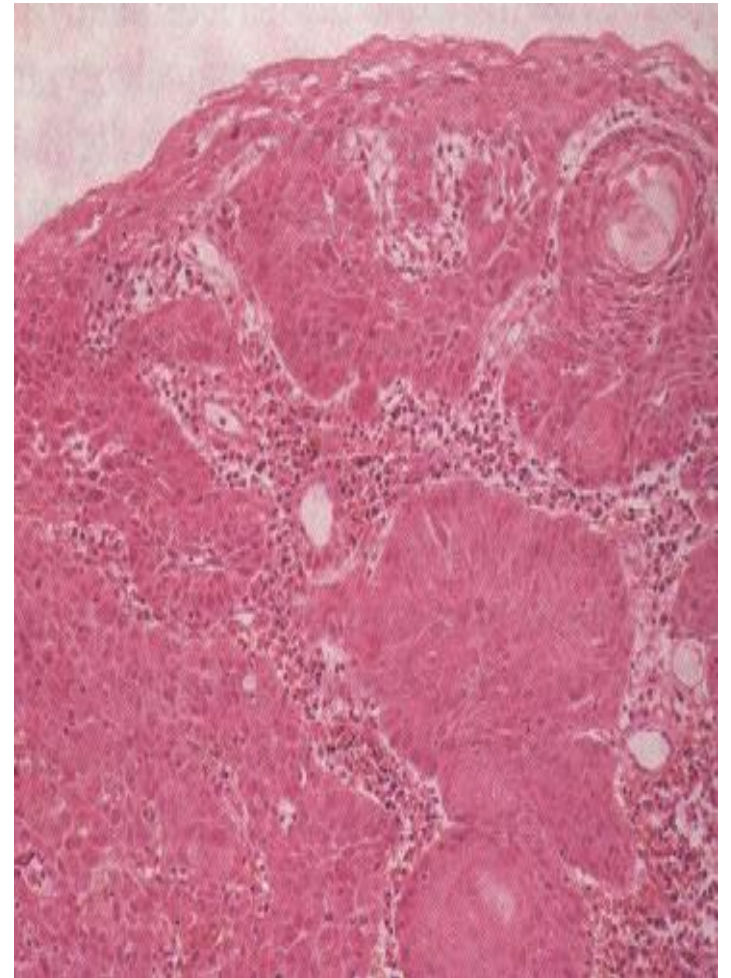
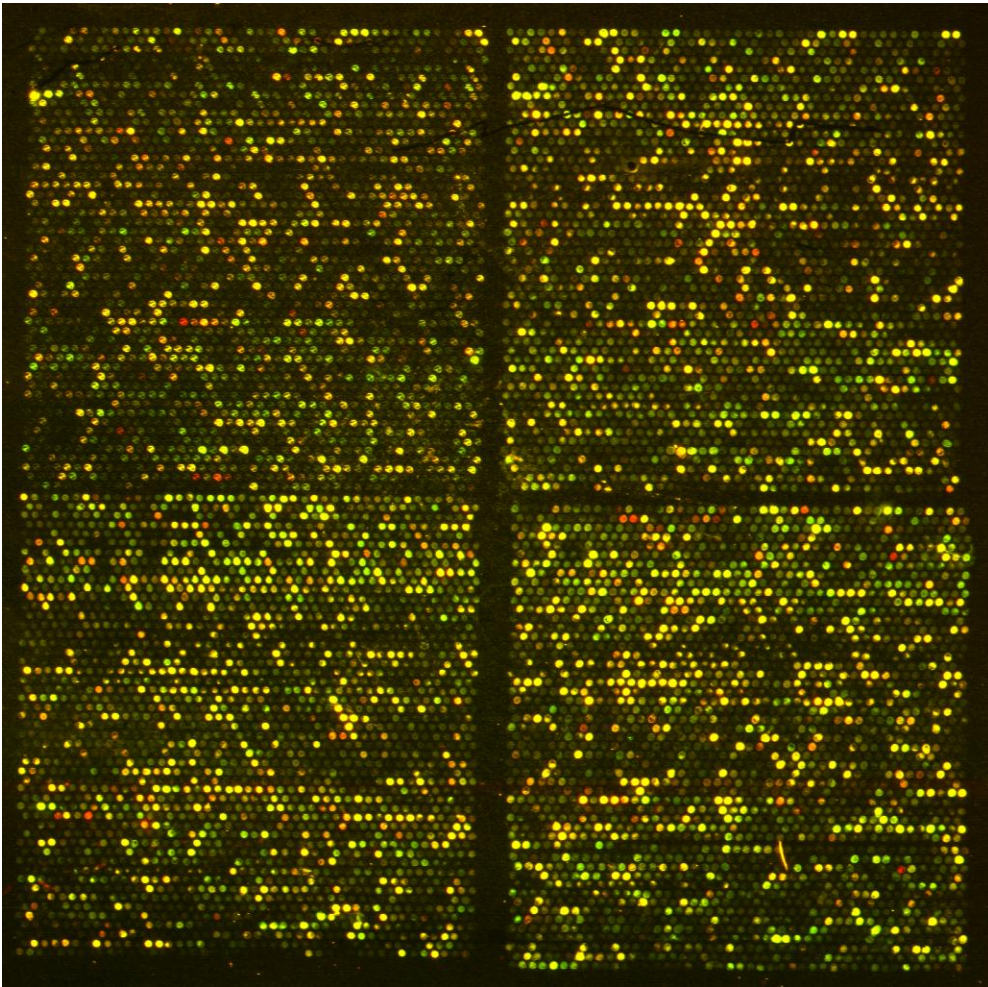
- Abstain from tobacco and alcohol use
  - Avoidance of second hand smoke exposure
  - Marijuana --same as cigarettes
- Maintain oral hygiene
  - Avoid alcohol containing mouthwashes
- Monitoring
  - routine screening by doctor
- Vaccine for HPV

# what we are doing

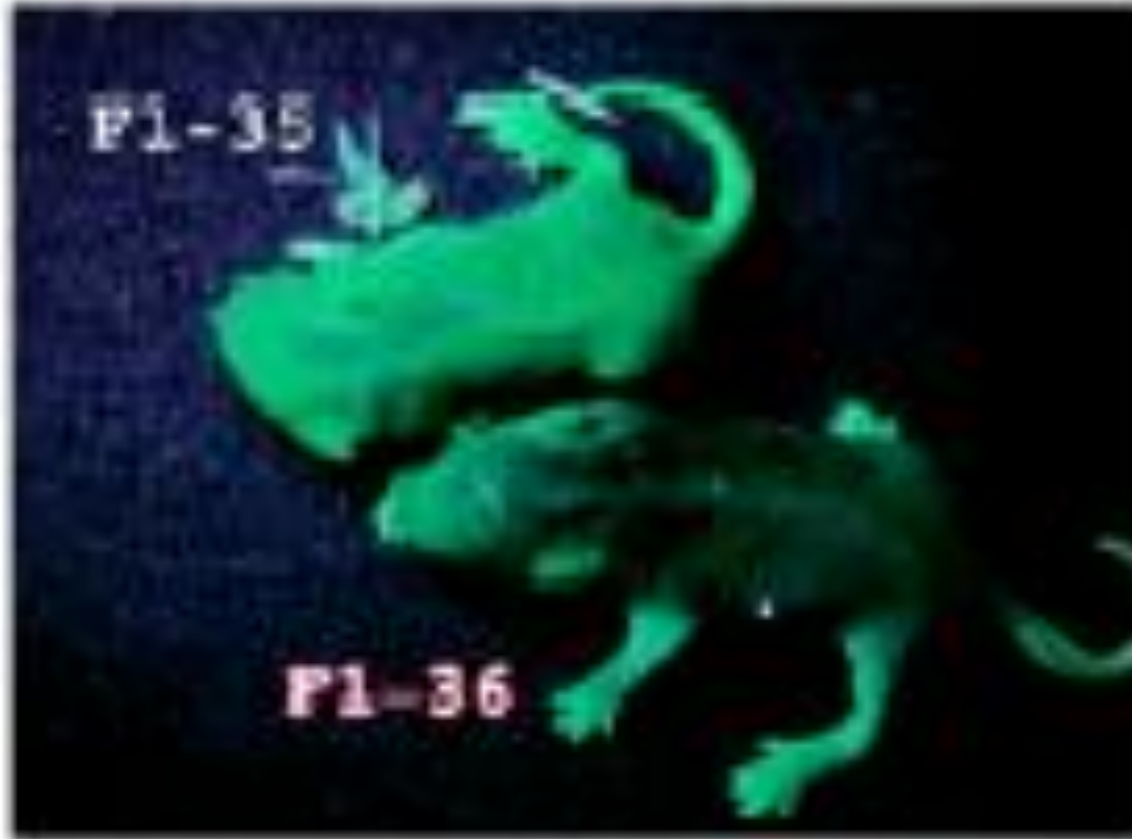




# GENE ANALYSIS



# Glow in the dark mice



# Make mouth cancer go away

