Cancer 3

- iClicker 33A
- Inherited cancer risk
- Chemotherapy
- iClicker 33B
- Register your iClicker!
- Grades are locked Dec. 15th Final Exam - Comprehensive
 - Dec 16th (Wed)
 - 11:30-2:30
 - Last name A-E in McCormick Cafe
 - Last name F-Z here in Lipke

Inherit Cancer Risk

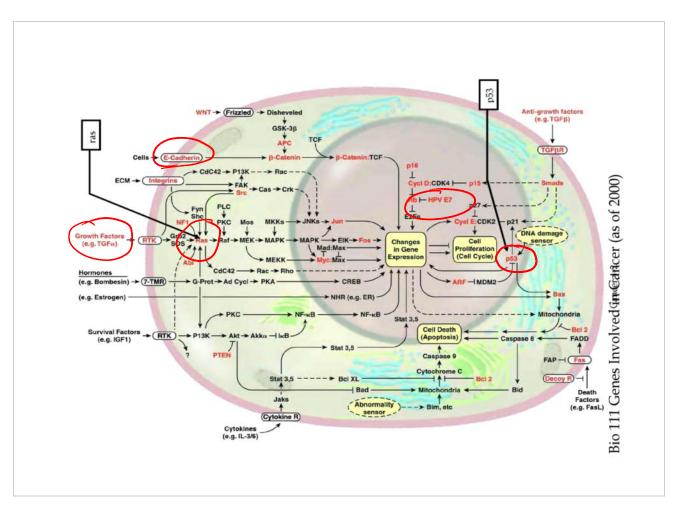
- some people are born with one p53 allele that has been already mutated

Li- Fraumeni cancer syndrome



- they tend to get cancer early in life

- they have a much higher risk of cancer than people w/2 functional P53 alleles



Chemotherapy - drugs to treat cancer

Ocyclophosphamide - attaches to DNA in a similar manner as (BP) and causes DNA damage

DNA damage in cells cause the cells to commit suicide apoptosis"
it tomor stops growing

2) ctoposide - binds to enzymes needed for DNA
replication and prevents them from working
-> no DNA replication
-> no cell division -> tumor stops growing

chemotherapy stops cell division

folliclecells that produce hair Stomach-lining cells

Side effects loss of hair

nausea



blood-producing cells

immune dystunction

cancer strategy > give as strong a dose as possible to kill tumor and almost kill the patient

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