

SEND ME BY EMAIL:

- 1). your title
- 2). which day you would prefer to present

At the start of class NEXT Wednesday - hand in question cards for course up to this point (things you are not sure you can answer)

questions about exam questions / answers? : answer key

review: Q: characteristics of mendelian traits

review: Q: types of non-mendelian traits (characteristics)

Somatic evolution

sperm/egg (bottle neck) some parental alleles lost

DNA synthesis / division (introduction of new mutations)

differentiation - expression of some genes not others

number of cell divisions in human life span

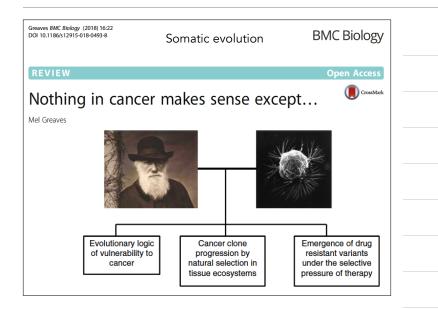
about $3x10^{13}$ cells in the body

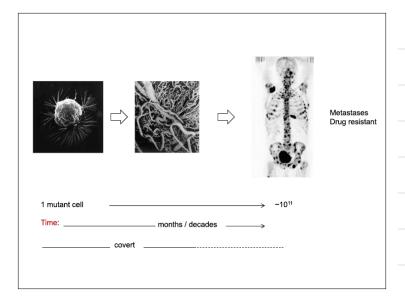
 10^{16} cell divisions (many associated with red blood cells

each cell division, 6 x 109 base pairs replicated

mutation rate \sim 2 × 10⁻⁸ per replicated base pair

http://bionumbers.hms.harvard.edu/bionumber.aspx?id=100379





Charles Darwin, 1837, Notebook B



