

- Developed a comprehensive mathematical theory of natural selections and evolution
- Invented statistics, and coined the terms variance & standard deviation along the way. (F in F test stands for Fisher)

Watson & Crick (1953)



- Nobel price in 1962 for discovery of DNA structure and function.
- They never did any hands-on research, just talked to a lot of people and put the pieces together!

Powerful explanation for inheritance and evolution, but not everyone liked it ...

They even came up with a genetic map of traits visible on giant



polytene chromosomes



- Lack of inheritance of acquired characteristics did not fit well with communist view of human nature.
- Trofim Lysenko (1898-1976), protégé of Stalin, and supported by Khrushchev ran the Soviet Union's plant breeding programinto the ground with false theories of environmentallyacquired inheritance.

