Genetics

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Purpose of my presentation

- Tell what genetics is and how it is developed

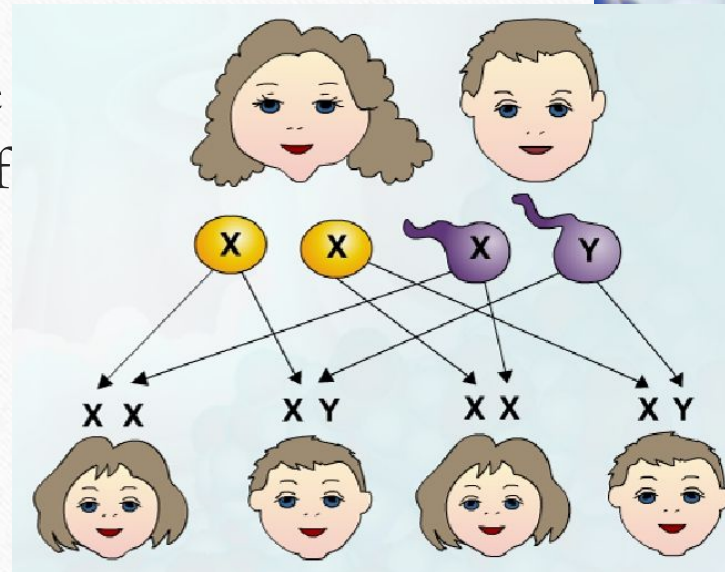- Tell about genetic diseases

Main points

- 1) what is genetics?

- 2) the history of genetics.
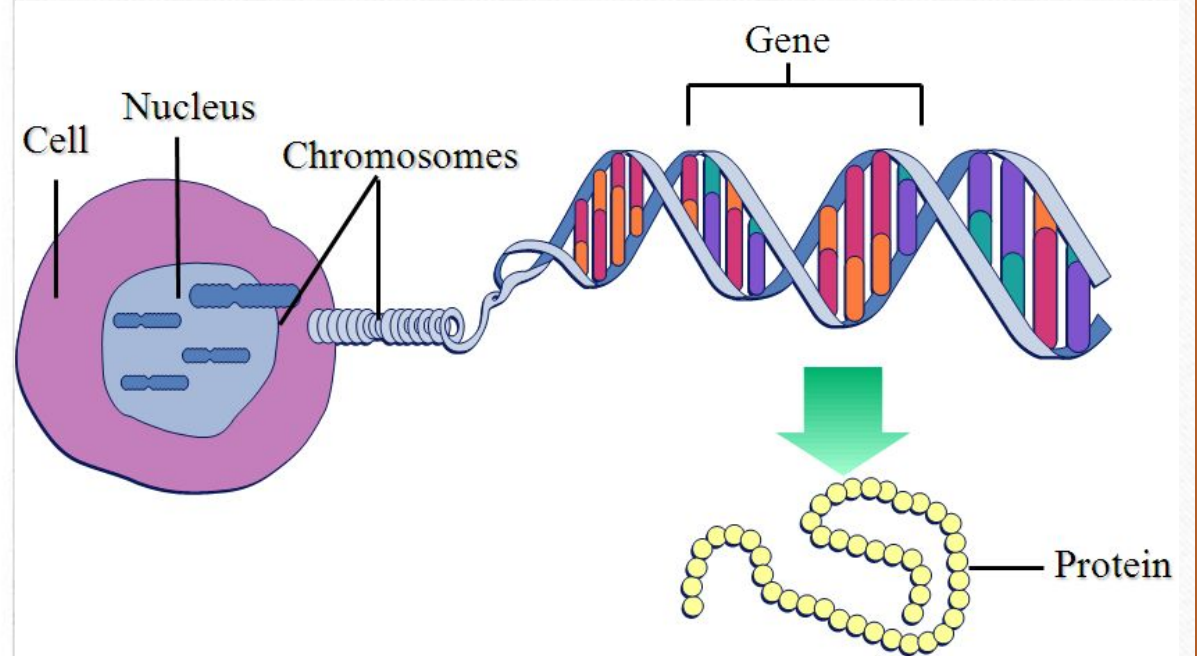
- 3) genetic diseases.

What is genetics?

- Genetics is a discipline of biology. It is the science of heredity. This includes the study of genes, and the inheritance of variation and traits of living organisms. In the laboratory, genetics proceeds by mating carefully selected organisms, and analysing their offspring.

The history of genetics

- The name of the geneticist was proposed by the English scientist U. Batson in 1906
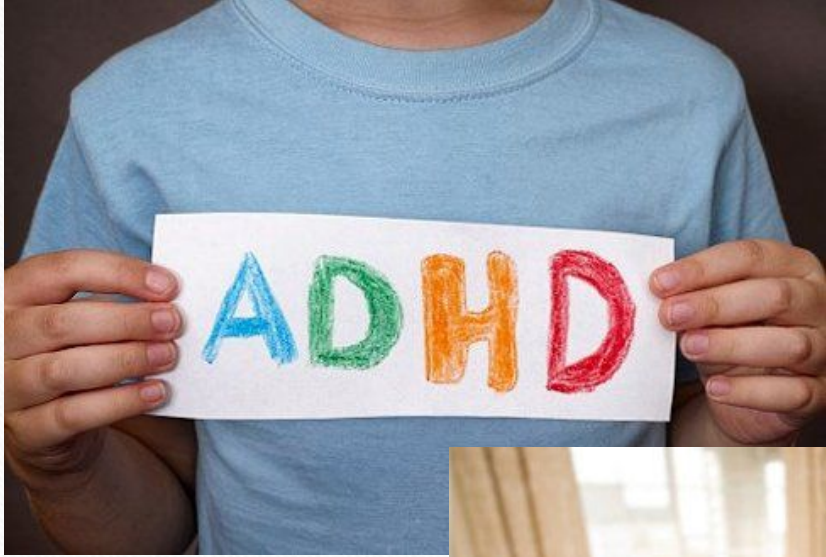
Genetic diseases

- An autism is a disorder resulting from a disruption of brain development, characterized by a pronounced and comprehensive lack of social interaction and communication, as well as limited interests and repetitive actions

Attention deficit hyperactivity disorder (ADHD) is a mental disorder of the neurodevelopmental type. The symptoms appear before a person is twelve years old, are present for more than six months, and cause problems in at least two settings (such as school, home, or recreational activities).

- The causes of schizophrenia include environmental and genetic factors. Possible environmental factors include being raised in a city, cannabis use during adolescence, certain infections, the age of a person's parents, and poor nutrition during pregnancy.

Conclusion

- Genetics holds a leading position in modern biology and in turn relies on the achievements and methods of many of its branches.
The main tasks of genetics are the study of heredity and variability, the mechanism of gene change, gene and chromosome reproduction, the action of genes and their control of the processes of formation of various traits and properties of the body, the development of methods for the construction of the hereditary program of living organisms, the fight against hereditary diseases.

Thanks for your attention!