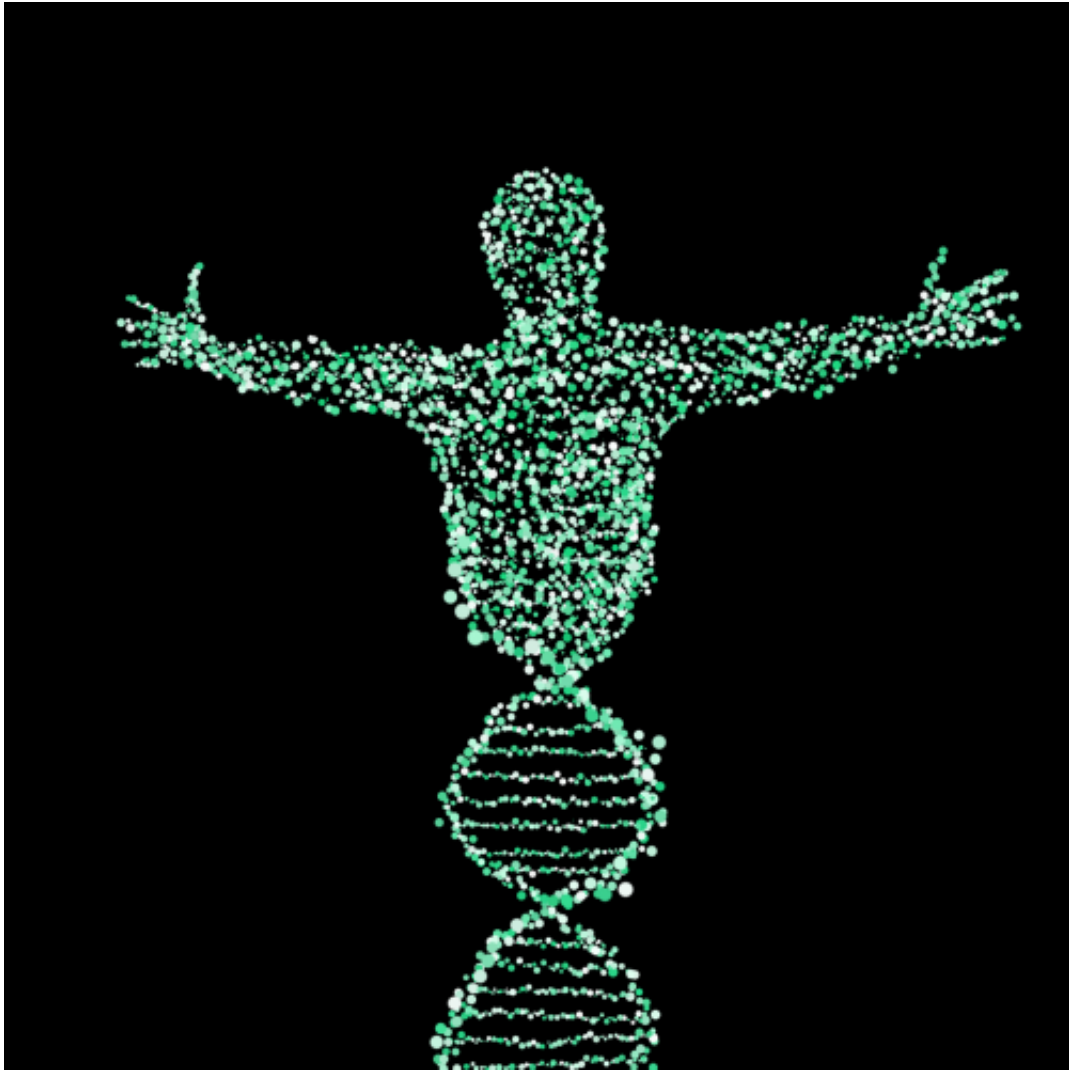


Chromosome Quiz: questions and answers



1. Where does the term "chromosome" come from?

- Greek
- Latin
- Aramaic

2. Who were first to recognize the chromosomes?

- Schleiden, Virchow and Bütschli
- Schleiden, Virchow and Painter
- Schleiden, Virchow and Boveri

3. When did Theodor Boveri give the demonstration that chromosomes are the vectors of heredity?

- 1860s
- 1850s
- 1880s

4. What is the name of the theory of genetics which identifies chromosomes as the carriers of genetic material?

- Pangenesis
- Hardy-Weinberg theory
- Boveri-Sutton chromosome theory

5. How many pairs of chromosomes do human cells have?

- 24 pairs
- 23 pairs

46 pairs

6. What is an autosome?

- A chromosome that is not a sex chromosome
- A chromosome that is a sex chromosome
- A v-shaped chromosome

7. What is the name of a rare genetic disorder due to chromosome deletion on chromosome 5?

- Down syndrome
- Cri du chat syndrome
- Triple X syndrome

8. What does DNA stand for?

- Ribonucleic acid
- Deoxyribonucleic network
- Deoxyribonucleic acid

9. How many cells does a prokaryote organism have?

- 1
- 10
- 100

10. What is the cause of Down syndrome?

- Third copy of chromosome 18
- Third copy of chromosome 21
- Extra genetic material from chromosome 15

Chromosome Quiz: questions and answers

Right answers

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Boveri-Sutton chromosome theory

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Cri du chat syndrome

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10. What is the cause of Down syndrome?

Third copy of chromosome 21