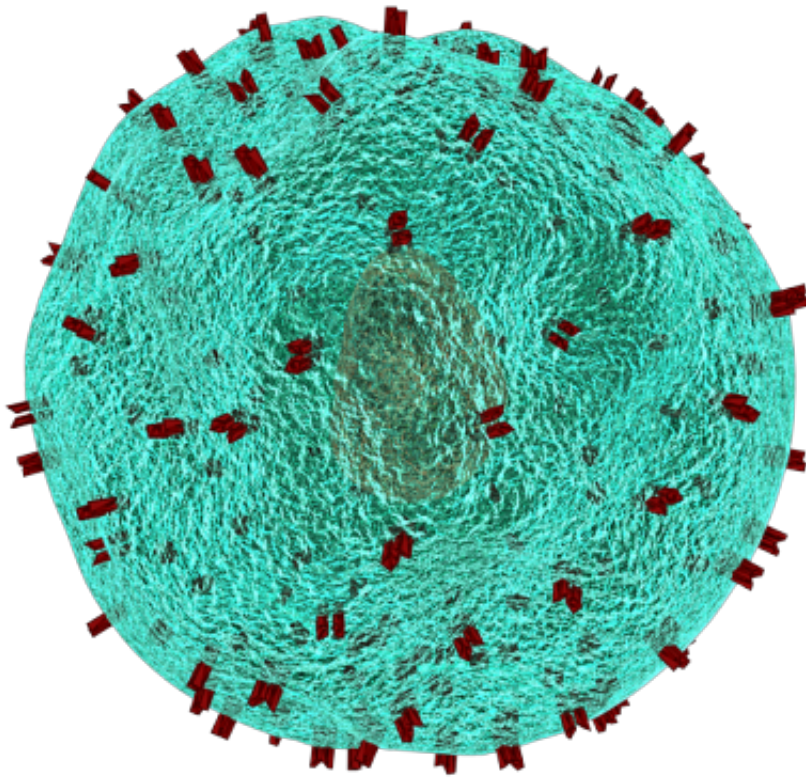


## Cells Quiz: questions and answers



1. What is the study of cells called?

- Genetics
- Cell biology
- Medicine

2. Who is considered "the Father of Microbiology"?

- Baruch Spinoza
- Antonie van Leeuwenhoek
- Christiaan Huygens

3. Who designed the first electron microscope?

- Leó Szilárd
- Ernst Ruska
- Eli Franklin Burton

4. In cell biology, mitosis is:

- A part of the cell cycle when replicated chromosomes are separated into two new nuclei
- The differentiation of the ovum (egg cell) into a cell competent to further development when fertilized
- The natural death of an embryo or fetus before it is able to survive independently

5. How many haploid cells are produced in meiosis?

- 8
- 4

2

6. In which phase of cell division is the nuclear envelope broken down?

- Metaphase
- Anaphase
- Prophase

7. What is the primary role of the flagellum?

- Reproduction
- Cell adhesion
- Locomotion

8. The cell was first discovered by:

- Antonie van Leeuwenhoek
- Robert Hooke
- Henri Dutrochet

9. What is the name given to the material within a living cell excluding the cell nucleus?

- Lysosome
- Cytoplasm
- Cytosol

10. What is the main function of the nucleus?

- DNA maintenance, controls all activities of the cell, RNA transcription
- Locomotion, sensory
- Storage, transportation, helps maintain homeostasis

## Cells Quiz: questions and answers

### Right answers

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