

Cell Theory and One Health – Viewing Guide

1. Who is the scientist in this video (Give her name and title; for example, biology professor, veterinarian, etc.)

- A. Samantha Moore; veterinary student
- B. Sandra Martin; veterinary student
- C. Samantha Moore; nursing student
- D. Sandra Martin; nursing student

2. What is the main topic of this scientist presentation?

- A. Organs and their functions
- B. Cell structure
- C. Cell theory
- D. Biochemistry

3. Which of the following is not part of the 6 parts of the cell theory?

- A. All living things are made of cells
- B. Cells contain DNA
- C. An organ is the structural and functional unit of all living things
- D. Energy for life occurs in cells

4. What disease is discussed in the video?

- A. Diabetes
- B. Alzheimer's disease
- C. Cancer
- D. Lyme disease

5. What cells are involved in this disease?

- A. Platelets
- B. Alpha cells
- C. Beta cells
- D. Lymphocytes

6. Where are these cells found?

- A. Pancreas
- B. Gall bladder
- C. Liver
- D. Small intestine

7. What do these cells do?

- A. Produce digestive enzymes
- B. Fight infection
- C. Secrete mucus
- D. Produce insulin

8. What happens when these cells aren't functioning correctly?

- A. The body doesn't produce enough insulin
- B. The body doesn't produce enough mucus
- C. The body is unable to fight infections
- D. The body is unable to produce digestive enzymes

9. Understanding the cell theory helps doctors and veterinarians to better care for patients. Select true or false.

- A. True
- B. False