Week 2 Assignment 2
The due date for submitting this assignment has passed.
All assignment materials must be submitted via Canvas.

1. What is the difference between CD8+ T cells and CD4+ T cells? What are their roles in the immune system?

2. How does the body respond to an allergic reaction? Explain the steps involved in the response.

3. What is the role of antibodies in the immune system? How do they contribute to the body's defense against infections?

4. Discuss the importance of vaccination in disease prevention. What are some benefits and challenges associated with vaccination programs?

5. How do the innate and adaptive immune systems work together to fight infections? Explain the role of each system in providing protection.

6. Identify two factors that contribute to the development of autoimmune diseases. How do these factors affect the immune system?

7. Describe the stages of a typical immune response to an antigen. What are the key events that occur during these stages?

8. Explain the mechanisms by which immune cells communicate with each other. How do these interactions regulate the immune response?