

# Immune System Background: Questions to Consider

## A. For the reading:

1. What is the main function of the immune system?
2. What is an antigen and how is it different from an antibody?
3. What term describes an object that generates an immune response? How is it related to antigens and antibodies?
4. What are the (3) main types of immunity?
5. What are the main groups of cells involved in each type of immunity?
6. What is the group of genes called that determines self/non-self markers?
7. How are B cells related to plasma cells, antibodies, and antigen?
8. What do helper T cells do?
9. What do cytotoxic T cells do?
10. What are the main differences between T cells and B cells?

## B. For the internet and other resources

1. Give some examples of antigens.
2. What is cancer?
3. What are some different cancer types?
4. What are some traditional cancer treatments?
5. How might the immune system play a role in fighting cancer?
6. What is an immunotherapy cancer treatment?