

Immunological system

After class students:

1. Know functions of the immune system.
2. Discriminate between innate and adaptive immunity.
3. Know types of barriers of defenses and internal defenses.
4. Know types of phagocytic cells and antigen presenting cells.
5. Describe how natural killer cells eliminate target cells
6. Describe major events in a local inflammatory response.
7. Discriminate between antigen, epitope, paratope.
8. Discriminate between humoral and cell-mediated immune response.
9. Describe mature B cells and their receptors.
10. Discriminate between B cells, plasma cells, B memory cells.
11. Describe the structure and function of antibodies.
12. Describe mature T cells and their receptors.
13. Differentiate between antigen recognition by T and B cells.
14. Role of helper T cells in humoral and cell-mediated immune response.
15. Describe how cytotoxic T cells eliminate target cells.
16. Know what vaccines are.
17. Distinguish between passive and active immunization.