

### Sample questions from old BIO 226N exams 4.

1. Plasma cells:
  - a. are cytotoxic
  - b. are leukocytes
  - c. are phagocytic
  - d. are opportunistic
2. An anaphylactic response localized in the upper respiratory tract is:
  - a. hay fever
  - b. hypersensitivity
  - c. treated with antihistamine
  - d. all of the above
3. HIV generally grows in and destroys:
  - a. T<sub>H</sub> lymphocytes
  - b. leukocytes
  - c. lymphocytes
  - d. all of the above
4. Granulocytes include:
  - a. neutrophils
  - b. basophils
  - c. eosinophils
  - d. all of the above
5. Humoral antibodies:
  - a. are soluble proteins
  - b. are found in serum
  - c. can be found in mucous
  - d. all of the above
6. To elicit antibody synthesis, antigen must first be ingested and degraded by:
  - a. macrophages
  - b. dendritic cells
  - c. lymphocytes
  - d. all of the above
7. The cell-mediated immune systems kills cells infected with certain viruses by action of:
  - a. the enzyme perforin
  - b. specific cells
  - c. cytotoxic T-cells
  - d. all of the above
8. A secondary immune response requires the action of:
  - a. leukocytes
  - b. memory cells
  - c. necrosis factors
  - d. neurons