Assignment 10
Due on 2023-11-28, 23:59:59

1. Interactions receptors belong to which class of cytokine receptors?
   a. Class I
   b. Class II
   c. TNF
   d. Immune receptor

2. Which of the following amino acids are conserved in Class I and Class II of cytokine receptors?
   a. Phe
   b. Pro
   c. Cys
   d. Val

3. Which of the following events is required for licensing of dendritic cells?
   a. Konno-mura receptor interaction
   b. CHI3L - C5L2 interaction
   c. G protein - GPCR interaction
   d. All of the above

4. STAT dimer along with SHP binds to which of the following DNA elements and regulatory subunit interleukin genes?
   a. Responsive Enhancer Element
   b. Bridge Response Element
   c. Host dock Response Elements
   d. Cold Response Elements

5. Antigen presentation in cancer and degrade viral particles by binding to the –
   a. Viral DNA
   b. Viral nucleoprotein
   c. Viral RNA
   d. None of the above

6. Type II hypersensitivity-related to allergy is generally mediated by –
   a. IgA
   b. IgG
   c. Both A and B
   d. Antigen-allergy complex

7. Degranulation leading to release of histamine is mediated by all of which ions from endothelial cells –
   a. Calcium ions
   b. Chloride ions
   c. Hydrogen ions
   d. None of the above

8. Type II hypersensitivity is mediated by –
   a. Antibody-Dependent Cell mediated Cytotoxicity
   b. Complement activation
   c. Both A and B
   d. IgE

9. Eosinophils are essential for which of the following reactions?
   a. Type I
   b. Type II
   c. Type III
   d. Type IV

10. Allergic reactions are caused by which of the following types of cells?
    a. Type I
    b. Type II
    c. Type III
    d. Type IV

11. Antigens are recognized by which of the following molecules?
    a. MHC
    b. CD4
    c. CD8
    d. Both A and B