

Unit 12 - Week 10

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Assignment 10

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-11-25, 23:59 IST.

- 1) Interferon receptors belong to which class of cytokine receptors? 1 point
- a. Class I
b. Class II
c. TNF
d. Immunoglobulin
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 2) GM-CSF subfamily of cytokine receptors belong to which class of cytokine receptors? 1 point
- a. Class I
b. Ig
c. GPCR
d. All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 3) Which of the following amino acids is conserved in Class I and Class II of cytokine receptors? 1 point
- a. Valine
b. Proline
c. Cysteine
d. Alanine
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 4) Which of the following events is required for licensing of dendritic cells? 1 point
- a. Insulin- insulin receptor interaction
b. CXCR7 - CCL21 interaction
c. G protein – GPCR interaction
d. All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 5) STAT dimer along with IRF binds to which of the following DNA elements and upregulates interferon-stimulated genes? 1 point
- a. Interferon Sensitive Response Elements
b. Drought Response Elements
c. Heat shock Response Elements
d. Cold Response Elements
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 6) Oligomerized MxGTPases can trap and degrade viral particles by binding to the – 1 point
- a. Viral DNA
b. Viral nucleocapsid
c. Viral RNA
d. None of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 7) Type I hypersensitivity related to allergy is generally mediated by – 1 point
- a. IgE
b. IgA
c. Both A and B
d. Antigen-antibody complex
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 8) Degranulation leading to release of histamine is mediated by efflux of which ions from endoplasmic reticulum – 1 point
- a. Calcium ions
b. Chloride ions
c. Fluoride ions
d. Hydrogen ions
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 9) Type II hypersensitivity is mediated by – 1 point
- a. Antibody-Dependent Cell mediated Cytotoxicity
b. Complement activation
c. Both A and B
d. IgE
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 10) Serum sickness is related to which of the following hypersensitivity reaction? 1 point
- a. Type I
b. Type II
c. Type III
d. Type IV
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.