

Unit 3 - Week 1

Course outline
How does an NPTEL online course work?
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Week 1
● Lecture 01: Basic Concepts in Immunology
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Assignment 1

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

Due on 2020-09-30, 23:59 IST.

- 1) The immune cells that form bridge between innate and adaptive immune responses are
- Macrophages
 - B cells
 - Dendritic cells
 - T cells
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 2) Hematopoietic stem cells are pluripotent, which means that they are
- Antigen specific cells
 - Capable of developing into any blood cells
 - Committed to produce cells of a single lineage
 - Not self-renewing
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 3) Examples of secondary lymphoid organs
- Spleen and thymus
 - Lymph nodes and thymus
 - Spleen and GALT
 - Bone marrow and MALT
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 4) The common myeloid progenitor cell gives rise to
- Neutrophils alone
 - Neutrophils, basophils and NK cells
 - B cell, T cell and NK cells
 - Neutrophils, basophils and monocytes
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 5) Strategies applied by host to deal with the microbe's threats
- Avoidance
 - Resistance
 - Tolerance
 - All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 6) Choose the mismatch
- Plasma cells - secrete Antibody molecule
 - Basophils - produce histamine
 - Macrophages - engulf and digest bacteria
 - NK cells - lyse virus infected cells
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 7) An inflammatory response is induced by the sensor cells through the production of mediators called
- Cytokines only
 - Chemokines only
 - Both cytokines and chemokines
 - Complement only
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 8) The term vaccination was coined by
- Louis Pasteur
 - Edward Jenner
 - Jules Bordet
 - Charles Richet
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 9) Acquired immunity shows all of the following except
- Non-specific to particular antigen
 - Diversity
 - Self/ non-self recognition
 - Memory
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 10) Individuals exposed to smallpox virus are immune to same disease due to
- Presence of larger quantities of antibodies
 - Presence of long- lived memory cells
 - Healthy lifestyle
 - Generation of antigen specific macrophages
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.