

Unit 4 - Week 2

Course outline
How does an NPTEL online course work?
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• Lecture 06: Innate Immunity
• Lecture 07: Inflammatory Response
• Lecture 08: Adaptive Immunity
○ Lecture 09: Adaptive Immunity (Humoral)
• Lecture 10 : Effector Mechanisms
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Assignment 2

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) T cell mediates 1 point
- humoral immunity
 - non-specific defense
 - cell mediated immunity
 - none of these
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c)
- 2) The first acting cells of the immune system are 1 point
- B cells
 - T cells
 - Neutrophils
 - NK Cells
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c)
- 3) Pathogen Associated Membrane Patterns (PAMPs) are recognized by 1 point
- PRRs
 - PRPs
 - PRAs
 - RRRs
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a)
- 4) In a macrophage, phagosome and lysosome is fused to form a phagolysosome. What happens after that? 1 point
- degraded and processed peptides are displayed on the surface
 - it remains intact inside the cell
 - it is released as it is from the cell
 - All the above.
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a)
- 5) As the dendritic cells and macrophages migrate to the lymph nodes they now interact with 1 point
- matured B and T cells
 - Naïve B and T cells
 - APCs
 - NK cells
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b)
- 6) Cell Adhesion Molecules (CAMs) include 1 point
- Mucins
 - Selectins
 - Integrins
 - All the above.
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d)
- 7) The correct order by which neutrophils are recruited at the target site is - 1 point
- Rolling, Adhesion, Activation, Trans-endothelial migration
 - Trans-endothelial migration, Adhesion, Activation, Rolling
 - Rolling, Activation, Adhesion, Trans-endothelial migration
 - Adhesion, Activation, Trans-endothelial migration, Rolling
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c)
- 8) Migration of neutrophils by crossing the HEV blood vessels is known as 1 point
- extravasation
 - endocytosis
 - exocytosis
 - phagocytosis
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a)
- 9) The CD8+ T cells interacts with 1 point
- MHC class II molecules
 - MHC class I molecules
 - B7 molecules
 - CD28 molecules
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b)
- 10) The double positive T cells expressing both CD4 and CD 8 co-receptors are selected by the 1 point
- Thymic epithelial cells
 - Endothelial cells
 - Lymphoid endothelial cells
 - None of the above.
- a)
 b)
 c)
 d)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a)