

VU Medical Zone

BT 302 Quiz no 2 Fall 2021 Repeated

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 1 of 10 (Start time: 11:47:53 PM, 17 February 2022)

Total Marks: 1

Vesicular pathogens are presented in combination with class I MHC to _____.

Select the correct option

☐	B-cells
☐	NK cells
☒	T helper cells
☐	T cytotoxic cells

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 2 of 10 (Start time: 11:49:07 PM, 17 February 2022)

Total Marks: 1

The mechanism of immune evasion by *Listeria monocytogenes* is _____.

Select the correct option

☐	inhibition of phagolysosome formation
☒	disruption of phagosome membrane
☐	inactivation of reactive oxygen species
☐	inactivation of reactive nitrogen species

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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EFFORT BY AMAAN KHAN

VU Medical Zone

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 3 of 10 (Start time: 11:50:36 PM, 17 February 2022)

Total Marks: 1

Major form of change in antigenic structure results in new strains of microbe is called

Select the correct option

☐

Antigenic drift

☐

Antigenic mutation

☒

Antigenic shift

Answers solved By Amaan Khan
Contact: 0305-4716616
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☐

Antigenic Variation

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 4 of 10 (Start time: 11:51:04 PM, 17 February 2022)

Total Marks: 1

These all are anti-inflammatory cytokines EXCEPT

Select the correct option

☐

IL-11

☐

IL-4

☐

IL-10

☒

IL-12

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 5 of 10 (Start time: 11:52:02 PM, 17 February 2022)

Total Marks: 1

Th2 cells upon activation secrete cytokines like IL-4 and IL-5 which activate _____

Select the correct option

☐ Macrophages

☒ B-cells

Answers solved By Amaan Khan
Contact: 0305-4716616
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☐ APC

☐ CTL

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 6 of 10 (Start time: 11:52:39 PM, 17 February 2022)

Total Marks: 1

During Myeloperoxidase (MPO) dependent intracellular killing of microbes, _____ are formed which are bacteriocidal.

Select the correct option

☐ superoxide radicals

☐ singlet oxygen

☒ halide ions

Answers solved By Amaan Khan
Contact: 0305-4716616
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☐ hydrogen peroxide

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 7 of 10 (Start time: 11:53:21 PM, 17 February 2022)

Total Marks: 1

Upon C1i degranulation, polyperforin channels are developed in the presence of _____

Select the correct option

☐ Factor B

☐ Factor D

☐ Magnesium

☒ Calcium

Answers solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 8 of 10 (Start time: 11:53:49 PM, 17 February 2022)

Total Marks: 1

These all are true for immune evasion EXCEPT _____

Select the correct option

☐ Maximizes the ability of organism to develop infection

☐ Enhance the ability of tumor cells to evade

☒ Humoral immunity cannot be evaded only

☐ Occurs either by weak immune response

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 9 of 10 (Start time: 11:54:58 PM, 17 February 2022)

Total Marks: 1

NK cells cannot kill normal cells (Self) due to normal expression of _____

Select the correct option

☐	Surface receptors
☐	Class II MHC
☒	Class I MHC
☐	Proteins

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 11:47 PM, 17 February 2022

Question # 10 of 10 (Start time: 11:55:34 PM, 17 February 2022)

Total Marks: 1

Th1 cells release cytokine like IFN γ upon activation which is inhibitory for _____

Select the correct option

☒	Th2 cells
☐	CTL
☐	macrophages
☐	mast cells

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 1 of 10 (Start time: 12:01:27 AM, 18 February 2022)

Total Marks: 1

These all are anti-inflammatory cytokines EXCEPT _____

Select the correct option

☒	IL-12	Answers solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	IL-4	
☐	IL-10	
☐	IL-11	

Click to Save Answer & Move to Next Question

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 2 of 10 (Start time: 12:01:52 AM, 18 February 2022)

Total Marks: 1

Th1 cells release cytokine like IFN γ upon activation which is inhibitory for _____

Select the correct option

☐	macrophages
☐	mast cells
☒	Th2 cells
☐	CTL

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 3 of 10 (Start time: 12:02:07 AM, 18 February 2022)

Total Marks: 1

Th2 cells upon activation secrete cytokines like IL-4 and IL-5 which activate _____

Select the correct option

☐	CTL
☒	B-cells
☐	Macrophages
☐	APC

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 4 of 10 (Start time: 12:03:14 AM, 18 February 2022)

Total Marks: 1

Major form of change in antigenic structure results in new strains of microbe is called _____

Select the correct option

☐	Antigenic mutation
☐	Antigenic Variation
☒	Antigenic shift
☐	Antigenic drift

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 5 of 10 (Start time: 12:03:30 AM, 18 February 2022)

Total Marks: 1

Chemotaxis is the movement of circulating to the site of infection.

Select the correct option

☒	phagocytes	Answers solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Natural killer cells	
☐	immunoglobulin	
☐	B-cells	

Click to Save Answer & Move to Next Question

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 6 of 10 (Start time: 12:04:07 AM, 18 February 2022)

Total Marks: 1

These all are true for immune evasion EXCEPT

Select the correct option

☐	Maximizes the ability of organism to develop infection	Answers solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Enhance the ability of tumor cells to evade	
☒	Humoral immunity cannot be evaded only	
☐	Occurs either by weak immune response	

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 7 of 10 (Start time: 12:04:22 AM, 18 February 2022)

Total Marks: 1

Pro-inflammatory cytokines are involved in _____ of inflammatory process.

Select the correct option

☒	up regulation	Answers solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	down regulation	
☐	inhibition	
☐	control	

Click to Save Answer & Move to Next Question

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 8 of 10 (Start time: 12:04:52 AM, 18 February 2022)

Total Marks: 1

Cytokine _____ is involved in the class switching of antibody to IgE.

Select the correct option

☐	TGF- β	
☒	IL-4	Answers solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	IL-2	
☐	IL-5	

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 9 of 10 (Start time: 12:05:22 AM, 18 February 2022)

Total Marks: 1

Upon CTL degranulation, polyperforin channels are developed in the presence of _____

Select the correct option

☐	Magnesium
☒	Calcium
☐	Factor D
☐	Factor B

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:01 AM, 18 February 2022

Question # 10 of 10 (Start time: 12:05:37 AM, 18 February 2022)

Total Marks: 1

Vesicular pathogens are presented in combination with class I MHC to _____

Select the correct option

☒	T helper cells
☐	B-cells
☐	T cytotoxic cells
☐	NK cells

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 1 of 10 (Start time: 12:06:34 AM, 18 February 2022)

Total Marks: 1

Upon CTL degranulation, polyperforin channels are developed in the presence of _____

Select the correct option

☐	Magnesium
☐	Factor D
☐	Factor B
☒	Calcium

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 2 of 10 (Start time: 12:07:10 AM, 18 February 2022)

Total Marks: 1

Vesicular pathogens are presented in combination with class I MHC to _____

Select the correct option

☐	NK cells
☒	T helper cells
☐	T cytotoxic cells
☐	B-cells

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 3 of 10 (Start time: 12:07:24 AM, 18 February 2022)

Total Marks: 1

Pro-inflammatory cytokines are involved in _____ of inflammatory process.

Select the correct option

☐	control
☒	up regulation
☐	inhibition
☐	down regulation

Answers solved By Amaan Khan
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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 4 of 10 (Start time: 12:07:38 AM, 18 February 2022)

Total Marks: 1

These all are true for immune evasion EXCEPT _____.

Select the correct option

☐	Occurs either by weak immune response
☒	Humoral immunity cannot be evaded only
☐	Enhance the ability of tumor cells to evade
☐	Maximizes the ability of organism to develop infection

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 5 of 10 (Start time: 12:07:53 AM, 18 February 2022)

Total Marks: 1

NK cells cannot kill normal cells (Self) due to normal expression of _____

Select the correct option

☐	Proteins
☒	Class I MHC
☐	Class II MHC
☐	Surface receptors

Answers solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 6 of 10 (Start time: 12:08:20 AM, 18 February 2022)

Total Marks: 1

These all can act as opsonin molecules EXCEPT _____

Select the correct option

☐	IgM
☐	IgG
☐	complement proteins
☒	IgE

Answers solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 7 of 10 (Start time: 12:09:01 AM, 18 February 2022)

Total Marks: 1

Major form of change in antigenic structure results in new strains of microbe is called _____

Select the correct option

☐	Antigenic mutation
☐	Antigenic Variation
☒	Antigenic shift
☐	Antigenic drift

Answers solved By Amaan Khan
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Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 8 of 10 (Start time: 12:09:15 AM, 18 February 2022)

Total Marks: 1

Cytokine _____ is involved in the class switching of antibody to IgE.

Select the correct option

☒	IL-4
☐	TGF- β
☐	IL-2
☐	IL-5

Answers solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 9 of 10 (Start time: 12:09:36 AM, 18 February 2022)

Total Marks: 1

The mechanism of immune evasion by *Listeria monocytogenes* is _____

Select the correct option

- ☐ inhibition of phagolysosome formation
- ☐ inactivation of reactive nitrogen species
- ☐ inactivation of reactive oxygen species
- ☒ disruption of phagosome membrane

Answers solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT302 - Immunology (QUIZ#2)

Quiz Start Time: 12:06 AM, 18 February 2022

Question # 10 of 10 (Start time: 12:09:51 AM, 18 February 2022)

Total Marks: 1

These all are true for inflammasomes EXCEPT _____

Select the correct option

- ☐ promotes the maturation & secretion of pro-inflammatory cytokines
- ☐ expressed in myeloid cells
- ☐ multi-protein oligomer
- ☒ component of adaptive immune system

Answers solved By Amaan Khan
Contact: 0305-4716616
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Click to Save Answer & Move to Next Question

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