

# Biology 42

# The Immune

# System MCQ

Author: OpenStax College

Published 2015

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## 4. Chapter: Biology 42 The Immune System MCQ

### 1. Biology 42 The Immune System MCQ Questions

#### 4.1.1. Which of the following is a barrier against pathogens provided by t...

Author: OpenStax College

Which of the following is a barrier against pathogens provided by the skin?

Please choose only one answer:

- high pH
- mucus
- tears
- desiccation

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is a barrier against OpenStax College Biology](#)

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#### 4.1.2. Although interferons have several effects, they are particularly us...

Author: OpenStax College

Although interferons have several effects, they are particularly useful against infections with which type of pathogen?

Please choose only one answer:

- bacteria
- viruses
- fungi
- helminths

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

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### 4.1.3. Which organelle do phagocytes use to digest engulfed particles?

Author: OpenStax College

Which organelle do phagocytes use to digest engulfed particles?

Please choose only one answer:

- lysosome
- nucleus
- endoplasmic reticulum
- mitochondria

Check the answer of this question online at QuizOver.com:

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#### 4.1.4. Which innate immune system component uses MHC I molecules directly ...

Author: OpenStax College

Which innate immune system component uses MHC I molecules directly in its defense strategy?

Please choose only one answer:

- macrophages
- neutrophils
- NK cells
- interferon

Check the answer of this question online at QuizOver.com:

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#### 4.1.5. Which of the following is both a phagocyte and an antigen-presentin...

Author: OpenStax College

Which of the following is both a phagocyte and an antigen-presenting cell?

Please choose only one answer:

- NK cell
- eosinophil
- neutrophil
- macrophage

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is both a phagocyte OpenStax College Biology](#)

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#### 4.1.6. Which immune cells bind MHC molecules on APCs via CD8 coreceptors o...

Author: OpenStax College

Which immune cells bind MHC molecules on APCs via CD8 coreceptors on their cell surfaces?

Please choose only one answer:

- TH cells
- CTLs
- mast cells
- basophils

Check the answer of this question online at QuizOver.com:

Question: [Which immune cells bind MHC molecules on OpenStax College Biology](#)

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#### 4.1.7. What "self" pattern is identified by NK cells?

Author: OpenStax College

What "self" pattern is identified by NK cells?

Please choose only one answer:

- altered self
- missing self
- normal self
- non-self

Check the answer of this question online at QuizOver.com:

Question: [What self pattern is identified by NK OpenStax College Biology 42](#)

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#### 4.1.8. The acquired ability to prevent an unnecessary or destructive immun...

Author: OpenStax College

The acquired ability to prevent an unnecessary or destructive immune reaction to a harmless foreign particle, such as a food protein, is called \_\_\_\_\_.

Please choose only one answer:

- the TH2 response
- allergy
- immune tolerance
- autoimmunity

Check the answer of this question online at QuizOver.com:

Question: [The acquired ability to prevent an OpenStax College Biology 42 Quest](#)

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#### 4.1.9. A memory B cell can differentiate upon reexposure to a pathogen of ...

Author: OpenStax College

A memory B cell can differentiate upon reexposure to a pathogen of which cell type?

Please choose only one answer:

- CTL
- naive B cell
- memory T cell
- plasma cell

Check the answer of this question online at QuizOver.com:

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4.1.10. Foreign particles circulating in the blood are filtered by the \_\_\_\_\_.

Author: OpenStax College

Foreign particles circulating in the blood are filtered by the \_\_\_\_\_.

Please choose only one answer:

- spleen
- lymph nodes
- MALT
- lymph

Check the answer of this question online at QuizOver.com:

Question: [Foreign particles circulating in the blood OpenStax College Biology](#)

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#### 4.1.11. The structure of an antibody is similar to the extracellular compon...

Author: OpenStax College

The structure of an antibody is similar to the extracellular component of which receptor?

Please choose only one answer:

- MHC I
- MHC II
- BCR
- none of the above

Check the answer of this question online at QuizOver.com:

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#### 4.1.12. The first antibody class to appear in the serum in response to a ne...

Author: OpenStax College

The first antibody class to appear in the serum in response to a newly encountered pathogen is \_\_\_\_\_.

Please choose only one answer:

- IgM
- IgA
- IgG
- IgE

Check the answer of this question online at QuizOver.com:

Question: [The first antibody class to appear in the OpenStax College Biology](#)

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#### 4.1.13. What is the most abundant antibody class detected in the serum upon...

Author: OpenStax College

What is the most abundant antibody class detected in the serum upon reexposure to a pathogen or in reaction to a vaccine?

Please choose only one answer:

- IgM
- IgA
- IgG
- IgE

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [What is the most abundant antibody class OpenStax College Biology](http://www.quizover.com/question/what-is-the-most-abundant-antibody-class-openstax-college-biology?pdf=3044)

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4.1.14. Breastfed infants typically are resistant to disease because of \_\_\_\_...

Author: OpenStax College

Breastfed infants typically are resistant to disease because of \_\_\_\_\_.

Please choose only one answer:

- active immunity
- passive immunity
- immune tolerance
- immune memory

Check the answer of this question online at QuizOver.com:

Question: [Breastfed infants typically are resistant OpenStax College Biology](#)

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#### 4.1.15. Allergy to pollen is classified as:

Author: OpenStax College

Allergy to pollen is classified as:

Please choose only one answer:

- an autoimmune reaction
- immunodeficiency
- delayed hypersensitivity
- immediate hypersensitivity

Check the answer of this question online at QuizOver.com:

Question: [Allergy to pollen is classified as: OpenStax College Biology 42 Quest](#)

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4.1.16. A potential cause of acquired autoimmunity is \_\_\_\_\_.

Author: OpenStax College

A potential cause of acquired autoimmunity is \_\_\_\_\_.

Please choose only one answer:

- tissue hypersensitivity
- molecular mimicry
- histamine release
- radiation exposure

Check the answer of this question online at QuizOver.com:

Question: [A potential cause of acquired autoimmunity OpenStax College Biology](#)

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#### 4.1.17. Autoantibodies are probably involved in:

Author: OpenStax College

Autoantibodies are probably involved in:

Please choose only one answer:

- reactions to poison ivy
- pollen allergies
- systemic lupus erythematosus
- HIV/AIDS

Check the answer of this question online at QuizOver.com:

Question: [Autoantibodies are probably involved in: OpenStax College Biology](#)

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#### 4.1.18. Which of the following diseases is not due to autoimmunity?

Author: OpenStax College

Which of the following diseases is not due to autoimmunity?

Please choose only one answer:

- rheumatic fever
- systemic lupus erythematosus
- diabetes mellitus
- HIV/AIDS

Check the answer of this question online at QuizOver.com:

Question: [Which of the following diseases is not OpenStax College Biology 4](#)

Flashcards:

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