

A&P 21

Lymphatic

& Immune

System MCQ

Lymphatic & Immune System

Author: OpenStax College

Published 2014

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4. Chapter: A&P 21 Lymphatic & Immune System MCQ

1. A&P 21 Lymphatic & Immune System MCQ Questions

4.1.1. Which of the following cells is phagocytic?

Author: OpenStax College

Which of the following cells is phagocytic?

Please choose only one answer:

- plasma cell
- macrophage
- B cell
- NK cell

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

Question: [Which of the following cells is phagocytic OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-cells-is-phagocytic-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.2. Which structure allows lymph from the lower right limb to enter the...

Author: OpenStax College

Which structure allows lymph from the lower right limb to enter the bloodstream?

Please choose only one answer:

- thoracic duct
- right lymphatic duct
- right lymphatic trunk
- left lymphatic trunk

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

Question: [Which structure allows lymph from the OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/which-structure-allows-lymph-from-the-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

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4.1.3. Which of the following cells is important in the innate immune resp...

Author: OpenStax College

Which of the following cells is important in the innate immune response?

Please choose only one answer:

- B cells
- T cells
- macrophages
- plasma cells

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

Question: [Which of the following cells is important OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-cells-is-important-openstax-college-anatomy?pdf=1505>

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4.1.4. Which of the following cells would be most active in early, antivir...

Author: OpenStax College

Which of the following cells would be most active in early, antiviral immune responses the first time one is exposed to pathogen?

Please choose only one answer:

- macrophage
- T cell
- neutrophil
- natural killer cell

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

Question: [Which of the following cells would be most OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-cells-would-be-most-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.5. Which of the lymphoid nodules is most likely to see food antigens f...

Author: OpenStax College

Which of the lymphoid nodules is most likely to see food antigens first?

Please choose only one answer:

- tonsils
- Peyer's patches
- bronchus-associated lymphoid tissue
- mucosa-associated lymphoid tissue

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

Question: [Which of the lymphoid nodules is most OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-lymphoid-nodules-is-most-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

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4.1.6. Which of the following signs is not characteristic of inflammation?

Author: OpenStax College

Which of the following signs is not characteristic of inflammation?

Please choose only one answer:

- redness
- pain
- cold
- swelling

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

Question: [Which of the following signs is not OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-signs-is-not-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-signs-is-not-openstax-college-anatomy-quest?pdf=1505>

4.1.7. Which of the following is not important in the antiviral innate imm...

Author: OpenStax College

Which of the following is not important in the antiviral innate immune response?

Please choose only one answer:

- interferons
- natural killer cells
- complement
- microphages

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

Question: [Which of the following is not important OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-is-not-important-openstax-college-anato-9204341?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-is-not-important-openstax-college-anato-9204341?pdf=1505>

4.1.8. Enhanced phagocytosis of a cell by the binding of a specific protei...

Author: OpenStax College

Enhanced phagocytosis of a cell by the binding of a specific protein is called _____.

Please choose only one answer:

- endocytosis
- opsonization
- anaphylaxis
- complement activation

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

Question: [Enhanced phagocytosis of a cell by the OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/enhanced-phagocytosis-of-a-cell-by-the-openstax-college-anatomy-quest?pdf=1505>

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4.1.9. Which of the following leads to the redness of inflammation?

Author: OpenStax College

Which of the following leads to the redness of inflammation?

Please choose only one answer:

- increased vascular permeability
- anaphylactic shock
- increased blood flow
- complement activation

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

Question: [Which of the following leads to the redness OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-leads-to-the-redness-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.10. T cells that secrete cytokines that help antibody responses are cal...

Author: OpenStax College

T cells that secrete cytokines that help antibody responses are called _____.

Please choose only one answer:

- Th1
- Th2
- regulatory T cells
- thymocytes

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

Question: [T cells that secrete cytokines that help OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/t-cells-that-secrete-cytokines-that-help-openstax-college-anatomy?pdf=1505>

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4.1.11. The taking in of antigen and digesting it for later presentation is...

Author: OpenStax College

The taking in of antigen and digesting it for later presentation is called _____.

Please choose only one answer:

- antigen presentation
- antigen processing
- endocytosis
- exocytosis

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

Question: [The taking in of antigen and digesting it OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/the-taking-in-of-antigen-and-digesting-it-openstax-college-anatomy?pdf=1505>

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4.1.12. Why is clonal expansion so important?

Author: OpenStax College

Why is clonal expansion so important?

Please choose only one answer:

- to select for specific cells
- to secrete cytokines
- to kill target cells
- to increase the numbers of specific cells

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

Question: [Why is clonal expansion so important OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/why-is-clonal-expansion-so-important-openstax-college-anatomy-quest?pdf=1505>

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4.1.13. The elimination of self-reactive thymocytes is called _____.

Author: OpenStax College

The elimination of self-reactive thymocytes is called _____.

Please choose only one answer:

- positive selection.
- negative selection.
- tolerance.
- clonal selection.

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

Question: [The elimination of self-reactive thymocytes OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/the-elimination-of-self-reactive-thymocytes-openstax-college-anatomy?pdf=1505>

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4.1.14. Which type of T cell is most effective against viruses?

Author: OpenStax College

Which type of T cell is most effective against viruses?

Please choose only one answer:

- Th1
- Th2
- cytotoxic T cells
- regulatory T cells

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

Question: [Which type of T cell is most effective OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/which-type-of-t-cell-is-most-effective-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-type-of-t-cell-is-most-effective-openstax-college-anatomy-quest?pdf=1505>

4.1.15. Removing functionality from a B cell without killing it is called _...

Author: OpenStax College

Removing functionality from a B cell without killing it is called _____.

Please choose only one answer:

- clonal selection
- clonal expansion
- clonal deletion
- clonal anergy

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

Question: [Removing functionality from a B cell OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/removing-functionality-from-a-b-cell-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/removing-functionality-from-a-b-cell-openstax-college-anatomy-quest?pdf=1505>

4.1.16. Which class of antibody crosses the placenta in pregnant women?

Author: OpenStax College

Which class of antibody crosses the placenta in pregnant women?

Please choose only one answer:

- IgM
- IgA
- IgE
- IgG

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

Question: [Which class of antibody crosses the placenta OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-class-of-antibody-crosses-the-placenta-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.17. Which class of antibody has no known function other than as an anti...

Author: OpenStax College

Which class of antibody has no known function other than as an antigen receptor?

Please choose only one answer:

- IgM
- IgA
- IgE
- IgD

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

Question: [Which class of antibody has no known OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/which-class-of-antibody-has-no-known-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-class-of-antibody-has-no-known-openstax-college-anatomy-quest?pdf=1505>

4.1.18. When does class switching occur?

Author: OpenStax College

When does class switching occur?

Please choose only one answer:

- primary response
- secondary response
- tolerance
- memory response

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

Question: [When does class switching occur OpenStax College Anatomy Physiology](#)

Flashcards:

<http://www.quizover.com/flashcards/when-does-class-switching-occur-openstax-college-anatomy-physiology?pdf=1505>

Interactive Question:

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4.1.19. Which class of antibody is found in mucus?

Author: OpenStax College

Which class of antibody is found in mucus?

Please choose only one answer:

- IgM
- IgA
- IgE
- IgD

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

Question: [Which class of antibody is found in mucus OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-class-of-antibody-is-found-in-mucus-openstax-college-anatomy?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-class-of-antibody-is-found-in-mucus-openstax-college-anatomy?pdf=1505>

4.1.20. Which enzymes in macrophages are important for clearing intracellul...

Author: OpenStax College

Which enzymes in macrophages are important for clearing intracellular bacteria?

Please choose only one answer:

- metabolic
- mitochondrial
- nuclear
- lysosomal

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

Question: [Which enzymes in macrophages are important OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-enzymes-in-macrophages-are-important-openstax-college-anatomy?pdf=1505>

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4.1.21. What type of chronic lung disease is caused by a Mycobacterium?

Author: OpenStax College

What type of chronic lung disease is caused by a Mycobacterium?

Please choose only one answer:

- asthma
- emphysema
- tuberculosis
- leprosy

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

Question: [What type of chronic lung disease is caused OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/what-type-of-chronic-lung-disease-is-caused-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.22. Which type of immune response is most directly effective against ba...

Author: OpenStax College

Which type of immune response is most directly effective against bacteria?

Please choose only one answer:

- natural killer cells
- complement
- cytotoxic T cells
- helper T cells

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

Question: [Which type of immune response is most OpenStax College Anatomy Quest](#)

Flashcards:

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4.1.23. What is the reason that you have to be immunized with a new influen...

Author: OpenStax College

What is the reason that you have to be immunized with a new influenza vaccine each year?

Please choose only one answer:

- the vaccine is only protective for a year
- mutation
- macrophage oxidative metabolism
- memory response

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

Question: [What is the reason that you have to be OpenStax College Anatomy Quest](#)

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4.1.24. Which type of immune response works in concert with cytotoxic T cel...

Author: OpenStax College

Which type of immune response works in concert with cytotoxic T cells against virally infected cells?

Please choose only one answer:

- natural killer cells
- complement
- antibodies
- memory

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

Question: [Which type of immune response works in OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/which-type-of-immune-response-works-in-openstax-college-anatomy-quest?pdf=1505>

Interactive Question:

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4.1.25. Which type of hypersensitivity involves soluble antigenantibody com...

Author: OpenStax College

Which type of hypersensitivity involves soluble antigenantibody complexes?

Please choose only one answer:

- type I
- type II
- type III
- type IV

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

Question: [Which type of hypersensitivity involves OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-type-of-hypersensitivity-involves-openstax-college-anatomy?pdf=1505>

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4.1.26. What causes the delay in delayed hypersensitivity?

Author: OpenStax College

What causes the delay in delayed hypersensitivity?

Please choose only one answer:

- inflammation
- cytokine release
- recruitment of immune cells
- histamine release

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

Question: [What causes the delay in delayed OpenStax College Anatomy Physiology](#)

Flashcards:

<http://www.quizover.com/flashcards/what-causes-the-delay-in-delayed-openstax-college-anatomy-physiology?pdf=1505>

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4.1.27. Which of the following is a critical feature of immediate hypersens...

Author: OpenStax College

Which of the following is a critical feature of immediate hypersensitivity?

Please choose only one answer:

- inflammation
- cytotoxic T cells
- recruitment of immune cells
- histamine release

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

Question: [Which of the following is a critical OpenStax College Anatomy Quest](#)

Flashcards:

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4.1.28. Which of the following is an autoimmune disease of the heart?

Author: OpenStax College

Which of the following is an autoimmune disease of the heart?

Please choose only one answer:

- rheumatoid arthritis
- lupus
- rheumatic fever
- Hashimoto's thyroiditis

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

Question: [Which of the following is an autoimmune OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-is-an-autoimmune-openstax-college-anatomy?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-is-an-autoimmune-openstax-college-anatomy?pdf=1505>

4.1.29. What drug is used to counteract the effects of anaphylactic shock?

Author: OpenStax College

What drug is used to counteract the effects of anaphylactic shock?

Please choose only one answer:

- epinephrine
- antihistamines
- antibiotics
- aspirin

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

Question: [What drug is used to counteract the effects OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/what-drug-is-used-to-counteract-the-effects-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.30. Which of the following terms means "many genes"?

Author: OpenStax College

Which of the following terms means "many genes"?

Please choose only one answer:

- polymorphism
- polygeny
- polypeptide
- multiple alleles

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

Question: [Which of the following terms means many OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-terms-means-many-openstax-college-anatomy?pdf=1505>

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4.1.31. Why do we have natural antibodies?

Author: OpenStax College

Why do we have natural antibodies?

Please choose only one answer:

- We don't know why.
- immunity to environmental bacteria
- immunity to transplants
- from clonal selection

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

Question: [Why do we have natural antibodies OpenStax College Anatomy Physiology](#)

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4.1.32. Which type of cancer is associated with HIV disease?

Author: OpenStax College

Which type of cancer is associated with HIV disease?

Please choose only one answer:

- Kaposi's sarcoma
- melanoma
- lymphoma
- renal cell carcinoma

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

Question: [Which type of cancer is associated with OpenStax College Anatomy](#)

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4.1.33. How does cyclosporine A work?

Author: OpenStax College

How does cyclosporine A work?

Please choose only one answer:

- suppresses antibodies
- suppresses T cells
- suppresses macrophages
- suppresses neutrophils

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

Question: [How does cyclosporine A work OpenStax College Anatomy Physiology](#)

Flashcards:

<http://www.quizover.com/flashcards/how-does-cyclosporine-a-work-openstax-college-anatomy-physiology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/how-does-cyclosporine-a-work-openstax-college-anatomy-physiology?pdf=1505>

4.1.34. What disease is associated with bone marrow transplants?

Author: OpenStax College

What disease is associated with bone marrow transplants?

Please choose only one answer:

- diabetes mellitus type I
- melanoma
- headache
- graft-versus-host disease

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

Question: [What disease is associated with bone marrow OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/what-disease-is-associated-with-bone-marrow-openstax-college-anatomy?pdf=1505>

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