

HLS-Histology

Archive

Lecture 5

Thymus and lymph nodes

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المحاضرة نختلفة عن السنة الماضية
ممکن يكون محتوى بعض الأسئلة
غير مذكور في محاضرة هذا العام

1. Which of the following statements concerning lymph nodes is TRUE?

- a. They have Hassall's corpuscle in their medulla.
- b. Their white pulp contains central arteriole.
- c. T cells predominate in the deep cortex.
- d. They have single crypt.
- e. They don't contain secondary nodules.

Answer : c

2. Which of the followings is INCORRECT about the thymus?

- a. Divided into lobes and incomplete lobules.
- b. Has afferent and efferent lymphatic's vessels.
- c. The cortex of the lobule has epithelial reticular cells.
- d. The medulla of the lobule has Hassall's corpuscles.
- e. Involutesc after puberty.

Answer : b
مش مذکور

3. The antigen for cluster of differentiation present in?

- a. Granular leucocytes.
- b. Different types of lymphocytes.
- c. Glycocalyx of platelets.
- d. Glycocalyx of R805.
- e. Monocytes and macrophages

Answer : b
مش مذکور

5. In a lymph node, thymus-dependent antigen leads to? Select one:

- a. B- Lymphocyte proliferation in the paracortex.
- b. T- Lymphocyte proliferation in the paracortex.
- c. PALS development
- d. Proliferation in cortical lymphoid follicles.
- e. The absence of germinal centers.

Answer : b

6. The thymus secretes ?

- a. Antibodies.
- b. Hormones that mature the red blood cells.
- c. Hormones that stimulate macrophages.
- d. lymph and is the main "lymph factory".
- e. Thymosin, a hormone thought to aid in maturation of T- lymphocytes.

Answer : e

7. Thymus gland? مكرر مرتين

Contains Hassall's corpuscles

8. The predominant cells in lymph follicle?

- a. Reticular cells
- b. Reticular epithelial cells
- c. B lymphocytes
- d. T lymphocytes

Answer : c

9. Which is wrong about thymus?

lobes and complete lobules

10.cd is present on;

different types of lymphocytes

11.lymphocytes enter lymph nodes through?

High venules in paracortex

12.false about innate immunity;

they act slowly

13.What lacks a covering made from reticular fibers?

Thymus

14.Which of the following is constituent of blood thymus barrier?

-perivascular space filled with macrophages

15.Class II MHC antigens are expressed on the following cell?

a. Epithelial cells.

b. Bone cells.

c. Red blood cells.

d. T-lymphocytes.

e. Macrophages

Answer : e

16.Blood thymic barrier is achieved by:

a. Perivascular space filled with macrophages

b. Thin basement membrane

c. Perivascular space filled with lymphocytes

d. Fenestrated endothelial cells

Answer : a

17. True about MHC1?

- a. Karyotyping
- b. Tissue repair
- c. Tissue transplantation

Answer : c

18. The wrong statement about thymus?

Along path of lymph vessels

19 present in the cortex of thymus

- A. Small T-lymphocytes
- B. large T-lymphocytes

Answer : A

20 Correct about red pulp of spleen

- A. discontinuous layer
- B. allowing exchange of cells between blood in sinusoids and adjacent tissue

answer : a+ b