

1.The main cells seen in tissues with chronic inflammation are :

- A. B&T lymphocytes.
- B. Macrophages.
- C. Neutrophils.
- D. All of the above.

Answer : A,B

2.Histamine can produce by :

- A. Mast cells.
- B. Basophils.
- C. Platelets.
- D. All of the above.

Answer : D

3.Which one of these mediator causes pain during inflammation:

- A. Prostaglandins
- B. Histamine.
- C. Bradykinins
- D. A+C.

Answer: D

4. CD4 T lymphocytes able to produce Cytokines:

- A. True.
- B. False.

Answer : A

5. TH 1 secretes INF which is activated Macrophage to do phagocytosis:

- A. True
- B. False

Answer: A

6. TH 2 secretes IL_4, IL_5, IL_13 which activated macrophages to reduce inflammation (alternative pathway)

- A. True.
- B. False

Answer :A

7. TH 17 secretes IL17 to recruit Macrophage:

- A. True
- B. False

Answer: B (recruit PMNs)

8. Contain major basic proteins toxic to parasites :

- A. Eosinophils.
- B. Neutrophils
- C. Basophils
- D. Mast cells.

Answer : A

9. Tuberculosis is caused by :

- A. Mycobacterium tuberculosis.
- B. Mycobacterium lepae.

- C. Treponema pallidus .
- D. Gram _ negative bacillus.

Answer : A

10. Syphilis is caused by :

- A. Treponema pallidum.
- B. Mycobacterium tuberculosis.
- C. Mycobacterium lepae.
- D. Gram-negative bacillus.

Answer : A

11. Cells and molecules involved in glumerulonephritis :

- A. Cytokines.
- B. Eosinophils.
- C. Antibodies, complement , neutrophils and monocytes.
- D. Lymphocytes.

Answer : C

12. Mast cells can produce:

- A. Histamine.
- B. Prostaglandins.
- C. Leukotrienes.
- D. All of the above.

Answer: D

13. The action of Prostaglandins after released:

- A. Pain.

- B. Leukocyte adhesion.
- C. Chemotaxis.
- D. Hypertension.

Answer : A

14. MAC is done by :

- A. Kinins.
- B. Cytokines.
- C. CS.
- D. Platelet _activating factor.

Answer : C

15. Which one of these mediators has the same function of TNF :

- A. IL1
- B. IL2
- C. IL3
- D. IL4.

Answer : A

16. Chronic inflammation is mediated by _____ which is produced from Dendritic cell.

- A. IL12
- B. IL_17
- C. IL6
- D. IL1.

Answer :A

