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The antibody that is first formed after infection is

- a. IgG
- b. IgM
- c. IgD
- d. IgE

Antibodies in our body are produced by

- a. B-lymphocytes
- b. T-lymphocytes
- c. Monocytes
- d. RBC's

11. Monoclonal antibodies are produced by

- a. Hybridoma technology
- b. Biotechnology
- c. Fermentation Technology
- d. None of these

Extra,not included

First line of body defence is

- a. Antibody molecules
- b. Unbroken skin
- c. Antigen molecules
- d. Phagocytic cells

What is the strength of the bond between antigen and antibody? Overall strength

- a. Affinity
- b. Avidity
- c. Covalent
- d. None of these

Which of the following can provide naturally acquired passive immunity for the new born.

- a. IgA
- b. IgG
- c. IgE
- d. IgM

The major immunoglobulin present in the human serum is

- a. IgG
- b. IgA
- c. IgE
- d. IgG

Immunoglobulin which are found in asthma at elevated level:

- a. IgA
- b. IgE
- c. IgM
- d. IgD

b
b
a
b

Agglutination reaction is strongest with the immunoglobulin:

- a. IgM
- b. IgG
- c. IgA
- d. IgD

What is the similarity between IgM & IgG?

- a. A compliment fixation
- b. Placental transport
- c. Heat stability at 56°C
- d. Sedimentation coefficient

Natural killer cells

- a. Belongs to B-cell lineage
- b. Belongs to T-cell lineage
- c. Display cytotoxic effect on tumour cell
- d. Require previous antigen exposure for activation

Immunoglobulin which cannot activate complement

- a. IgM
- b. IgE
- c. IgA
- d. IgG

Innate immunity is

- a. Specific
- b. Non-specific
- c. Active
- d. Passive

Innate immunity is developed by

- a. Mechanical barriers
- b. Chemical barriers
- c. Both a and b
- d. None of these

T-cells are produced from

- a. Bonemarrow
- b. Thymus
- c. Spleen
- d. None of these

IgG & IgM each can activate classical pathway.
IgA can activate lectine pathway and alternative pathway

b
b
c
a

The primary cells involved in immune response are

- a. NK-cells
- b. K-cells
- c. Lymphocytes
- d. None of these

Plasma cells are the end cells of

- a. T-cells
- b. β -cells
- c. Killer cells
- d. Nk-cells

Basophils have receptors for antibodies

- a. IgG
- b. IgA
- c. IgM
- d. IgE

The parts which filter lymph are

- a. Lymph nodes
- b. Spleen
- c. Thymus
- d. Bone marrow

The character acquired by the cell due to recombination is

- a. Inheritable
- b. Syppressed
- c. Dominating
- d. Heritable

Intensity of attraction between antigen and antibody molecule is known as

- a. Affiniy
- b. Avidity
- c. Reaction
- d. None of these

Antibody having high valency is

- a. IgG
- b. IgA
- c. IgD
- d. IgM

قال المتنبي:

إِذَا غَامَرْتَ فِي شَرَفٍ مَرُومٍ

فَطَعَمُ الْمَوْتِ فِي أَمْرٍ حَقِيرٍ

يَرَى الْجُبْنَاءُ أَنَّ الْعَجْزَ عَقْلٌ

وَكُلُّ شَجَاعَةٍ فِي الْمُرءِ تُغْنِي

فَلَا تَقْنَعُ بِهَا دُونَ النُّجُومِ

كَطَعَمِ الْمَوْتِ فِي أَمْرٍ عَظِيمِ

وَتِلْكَ خَدِيعَةُ الطَّبَعِ اللَّئِيمِ

وَلَا مِثْلَ الشَّجَاعَةِ فِي الْحَكِيمِ