Normal mice

Patient- I am having high fever and rashes since last two days.

Doctor 1- Get blood tests done (Total and specific WBC count, platelet count and ESR) and take an anti-inflammatory drug (NSAID new age drug)

Doctor 2- Take antibiotics and anti-inflammatory drug

Doctor 3- Get blood tests done (Total and specific WBC count and ESR) and take any antiinflammatory drug.

Please explain based on their prescriptions which doctor do you trust more and why. What would these tests tell the doctor and how these drugs would help.

Q2.		4
a. Idiotypic determinants are located within		
b. If an individual was genetically unable to	to make J chains, which immunoglob	oulin(s) would be
affected?		
c. Haematopoiesis occurs in which organ o	of the body?	
d. Phagocytic cells important in the body's	defense against parasitic organisms	are
e functions to remove old	and defective red blood cells.	
f. Two enzymes involved in phagoctytosis		
g. Leukocyte rolling involves interaction of	which two molecules.	
h. Antibody most efficient in complement n	mediated lysis is	
n. Antibody most emclent in complement		
Q3. Explain the roles of spleen cells, m	weloma cells and hybridoma cells in	the process of
Q5. Explain the foles of spicer cens, in	yeloma oono ana nyanaana	3
making monoclonal antibodies.		
Q4. Persons living with LAD disease suffe	r from recurrent infections. Why?	2
Q4. Persons living with LAD disease suite	Thom results in the same	
Q5. Prakash and Suraj have been asked	d to develop antibody against protein	A. They take a
peptide region of this protein to inject in	n mouse Whose strategy is better?	For each good
peptide region of this protein to inject in	il lilouse. Whose stategy is	2
strategy give 1 point and explain why.	Suraj	
Prakash	S-P-S-A-A-G-A-A-R-T-	
S-P-S-A-A-G-A-A-	Oral route	
Subcutaneous injection	With freunds adjuvant	
Without freunds adjuvant	Control of the Contro	

Q6. Determine which epitopes will be most likely recognized by either B or T cell or both? The recognition of which epitope will be affected if the protein were to be denatured.





Q7. Antibodies help to protect us from various pathogens. How?

Q8. What are NETS and what is their importance in innate immunity?

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